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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 003801.P007

Total Pages 3

First Named Inventor or Application Identifier ALEX D. POON

Express Mail Label No. EL 234 216 275 US

JCS65 U.S. PTO
09/491703

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ADDRESS TO: Assistant Commissioner for Patents
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APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. X Fee Transmittal Form
(Submit an original, and a duplicate for fee processing)
2. X Specification (Total Pages 71)
(preferred arrangement set forth below)
 - Descriptive Title of the Invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to Microfiche Appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claims
 - Abstract of the Disclosure
3. X Drawings(s) (35 USC 113) (Total Sheets 7)
4. Oath or Declaration (Total Pages 4)
 - a. X Newly Executed (Original or Copy)
 - b. Copy from a Prior Application (37 CFR 1.63(d))
(for Continuation/Divisional with Box 17 completed) (Note Box 5 below)
 - i. DELETIONS OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
5. Incorporation By Reference (useable if Box 4b is checked)
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
6. Microfiche Computer Program (Appendix)

7. _____ Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)

- a. _____ Computer Readable Copy
b. _____ Paper Copy (identical to computer copy)
c. _____ Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

8. X Assignment Papers (cover sheet & documents(s))
9. _____ a. 37 CFR 3.73(b) Statement (where there is an assignee)
 X b. Power of Attorney (Executed)
10. _____ English Translation Document (if applicable)
11. _____ a. Information Disclosure Statement (IDS)/PTO-1449
_____ b. Copies of IDS Citations
12. _____ Preliminary Amendment
13. X Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
14. _____ a. Small Entity Statement(s)
_____ b. Statement filed in prior application, Status still proper and desired
15. _____ Certified Copy of Priority Document(s) (if foreign priority is claimed)
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17. If a **CONTINUING APPLICATION**, check appropriate box and supply the requisite information:

- _____ Continuation _____ Divisional _____ Continuation-in-part (CIP)
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Serial/Patent No.: **** Filing/Issue Date: Here With

Client: eBay, Inc.

Title: Method And Apparatus For Facilitating User Selection Of An Item Category In An Online Auction

BSTZ File No.: 003801.2007

Atty/Sec'y Initials: ALM/FAC/mro

Date Mailed: 01/26/00

Docket Due Date: ****

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| <input checked="" type="checkbox"/> Application - Utility (<u>71</u> pgs., with cover and abstract) | <input type="checkbox"/> Information Disclosure Statement & PTO-1449 (____ pgs.) <input type="checkbox"/> Check No. _____ |
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| <input checked="" type="checkbox"/> Drawings: <u>8</u> # of sheets includes <u>7</u> figures | <input checked="" type="checkbox"/> Fee Transmittal in Duplicate (2 pages each) |

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UNITED STATES PATENT APPLICATION
FOR
METHOD AND APPARATUS FOR FACILITATING USER SELECTION OF
AN ITEM CATEGORY IN AN ONLINE AUCTION

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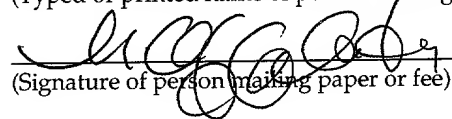
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METHOD AND APPARATUS FOR FACILITATING USER SELECTION OF AN ITEM CATEGORY IN AN ONLINE AUCTION

FIELD OF THE INVENTION

5 The present invention relates generally to electronic commerce, and, more particularly, to a method and apparatus for facilitating user selection of item categories in an online auction environment.

BACKGROUND OF THE ART

10 The fundamental changes brought by the Internet and its subset, the World Wide Web ("Web"), have created a new electronic environment that is changing the way business is transacted. The ongoing revolution in the field of information delivery is driving the progress in various areas of everyday life. One area that has benefited from this technological development is the electronic auction area, which reflects the ability of individuals to sell items
15 within an Internet marketplace environment.

 Historically, auctions for sale of various items have proven to be very popular. Electronic auctions are also becoming increasingly popular due to their lack of complexity and ease of access. In an electronic auction environment, users connect to servers supporting the auctions and buy and/or
20 sell items over one or more networks, for example including the Internet. Typically, in order to list the items in an efficient manner and to attract buyers, the seller has to specify the name of the item to be auctioned, a short description of the item, and a listing category. Since electronic auctions support an ever-increasing number of users selling a wide array of items, attempts have been
25 made to design efficient interfaces between the users and the companies operating the auctions.

 With respect to the category selection process, one previous approach uses a field, which includes all categories, and separate fields for respective subcategories. The user selects an appropriate category and then browses
30 through subcategories until he or she finds the subcategory corresponding to

the item to be auctioned. However, the process of browsing through subcategories is time-consuming. Also, the user has to repeat the process for every item that the user intends to auction. Another approach prompts the user to select a category from a listing displayed on a Web page, then a subcategory from a second listing displayed on a subsequent Web page, then a further subcategory, if available, from a third listing displayed in yet another Web page, until the final selection accurately characterizes the item to be auctioned. This approach is also time-consuming and requires a certain amount of effort to be completed.

- 10 What is needed is a method for facilitating user selection of an item category that is efficient and easy to use.

SUMMARY OF THE INVENTION

A method and apparatus are disclosed for facilitating category selection by a user in a computerized auction. A category field is provided, containing a plurality of category entries used to categorize an item in the auction. One
5 category entry is selected in the category field and at least one subcategory field is provided, containing a plurality of subcategory entries also used to categorize the item in the auction, the subcategory entries corresponding to the one selected category entry of the plurality of category entries. At least one subcategory entry corresponding to the one selected category entry is further
10 selected in the at least one subcategory field for further processing.

Other features and advantages of the present invention will be apparent from the accompanying drawings, and from the detailed description, which follow below.

BRIEF DESCRIPTION OF THE DRAWINGS

The present invention is illustrated by way of example and not limitation in the figures of the accompanying drawings, in which like references indicate similar elements and in which:

5 Figure 1 illustrates a prior art computer network topology.

 Figure 2 illustrates the prior art architecture of a conventional computer system.

 Figure 3 illustrates the computer network architecture of one embodiment.

10 Figure 4 is a flowchart representing the process of selecting an item category in an online auction from a user's perspective.

 Figure 5 is a flowchart representing the process of selecting an item category in an online auction from a server's perspective.

15 Figure 6a illustrates an exemplary table in the auction database, which stores item categories and subcategories.

 Figure 6b illustrates an exemplary table in the auction database, which stores identification parameters for each category or subcategory.

 Figure 7 illustrates one embodiment of a user interface used in the process of selecting a item category in an online auction.

DETAILED DESCRIPTION

A method and apparatus for facilitating user selection of an item category for an online auction is described. In the following description, for purposes of explanation, numerous specific details are set forth in order to provide a thorough understanding of the present invention. It will be evident, however, to one skilled in the art that the present invention may be practiced without these specific details.

Referring now to Figure 1, a diagram illustrates the network environment in which the present invention operates. In this conventional network architecture, a server computer system 100 is coupled to a network 110, preferably a wide-area network. Wide-area network 110 includes the Internet, or other proprietary networks, such as America On-Line™, CompuServe™, Microsoft Network™, and Prodigy™, each of which are well known to those of ordinary skill in the art. Wide-area network 110 may also include conventional network backbones, long-haul telephone lines, Internet service providers, various levels of network routers, and other conventional means for routing data between computers. Using conventional network protocols, server 100 may communicate through wide-area network 110 to a plurality of client computer systems 120, 130, 140, 150, possibly connected through wide-area network 110 in various ways or directly connected to server 100. For example, as shown in Figure 1, client 140 is connected directly to wide-area network 110 through direct or dial-up telephone or other network transmission line. Alternatively, client 130 may be connected to wide-area network 110 through a conventional modem pool 114. The modem pool 114 allows a plurality of client systems to connect with a smaller set of modems in modem pool 114 for connection through wide-area network 110. Those of ordinary skill in the art will understand that a plurality of clients, similar to client 130, may be connected to network 110 using the modem pool 114. Client 150 may also be connected directly to server 100, as shown in Figure 1, or through a modem (not shown) in a conventional way. In another alternative

network typology, wide-area network 110 is connected to a gateway computer 112. Gateway computer 112 is used to route data to client 120 through a local area network (LAN) 116. In this manner, client 120 can communicate with other clients (not shown) through LAN 116 or with server 100 through gateway 5 112 and wide-area network 110. Alternatively, LAN 116 may be directly connected to server 100.

Using one of a variety of network connection devices, server computer 100 can also communicate directly with client 150. In a particular implementation of this network configuration, a server computer 100 may 10 operate as a web server if the World Wide Web (Web) portion of the Internet is used as wide-area network 110. Using the HTTP protocol and the HTML coding language across a network, web server 100 may communicate across the Web with client 150. In this configuration, client 150 uses a client application program known as a web browser, such as the Netscape™ Navigator™ browser, 15 published by Netscape Corporation of Mountain View, CA, the Internet Explorer™ browser, published by Microsoft Corporation of Redmond, Washington, the user interface of America On-Line™, or the web browser or HTML translator of any other conventional supplier. Using such conventional browsers and the Web, client 150 may access graphical and textual data or 20 video, audio, or tactile data provided by server 100. Conventional means exist by which client 150 may supply information to web server 100 through the Web 110 and the web server 100 may return processed data to client 150.

Having briefly described one embodiment of the network environment in which the present invention operates, Figure 2 illustrates an example of a 25 computer system 200 illustrating an exemplary client 150 or server 100 computer system in which the features of the present invention may be implemented. Computer system 200 is comprised of a system bus 201, or other communications module similar to the system bus, for communicating information, and a processing module, such as processor 202, coupled with bus 30 201 for processing information. Computer system 200 further comprises a main

memory 204, such as a random access memory (RAM) or other dynamic storage device, coupled to bus 201, for storing information and instructions to be executed by processor 202. Main memory 204 may also be used for storing temporary variables or other intermediate information during execution of instructions by processor 202. Computer system 200 also comprises a read only memory (ROM) 206, and/or other similar static storage device, coupled to bus 201, for storing static information and instructions for processor 202.

An optional data storage device 207, such as a magnetic disk or optical disk, and its corresponding drive may also be coupled to computer system 200 for storing information and instructions. System bus 201 is coupled to an external bus 210, which connects computer system 200 to other devices. Computer system 200 can also be coupled via bus 210 to a display device 221, such as a cathode ray tube (CRT) or a liquid crystal display (LCD), for displaying information to a computer user. For example, graphical or textual information may be presented to the user on display device 221. Typically, an alphanumeric input device 222, such as a keyboard including alphanumeric and other keys, is coupled to bus 210 for communicating information and/or command selections to processor 202. Another type of user input device is cursor control device 223, such as a conventional mouse, touch mouse, trackball, or other type of cursor direction keys, for communicating direction information and command selection to processor 202 and for controlling cursor movement on display 221. A fully loaded computer system may optionally include video, camera, speakers, sound card, and many other similar conventional options.

Alternatively, the client 150 can be implemented as a network computer or thin client device, such as the WebTV Networks™ Internet terminal or the Oracle™ NC. Client 150 may also be a laptop or palm-top computing device, such as the Palm Pilot™. Such a network computer or thin client device does not necessarily include all of the devices and features of the above-described

exemplary computer system. However, the functionality of the present invention may nevertheless be implemented with such devices.

A communication device 224 is also coupled to bus 210 for accessing remote computers or servers, such as web server 100, or other servers via the Internet, for example. The communication device 224 may include a modem, a network interface card, or other well known interface devices, such as those used for interfacing with Ethernet, Token-ring, or other types of networks. In any event, in this manner, the computer system 200 may be coupled to a number of servers 100 via a conventional network infrastructure such as the infrastructure illustrated in Figure 1 and described above.

The present invention includes various processing steps, which will be described below. The steps of the present invention may be embodied in machine or computer executable instructions. The instructions can be used to cause a general purpose or special purpose processor, which is programmed with the instructions to perform the steps of the present invention. Alternatively, the steps of the present invention may be performed by specific hardware components that contain hardwired logic for performing the steps, or by any combination of programmed computer components and custom hardware components. While embodiments of the present invention will be described with reference to the Web, the method and apparatus described herein is equally applicable to other network infrastructures or other data communications systems.

Referring now to Figure 3, one embodiment of the network configuration of the present invention is illustrated. In one embodiment, a web server 310 is coupled with web client 330 through the wide-area network 320, such as the Internet. As described above, web server 310 and web client 330 may be implemented as conventional computer systems. Software application programs for implementing the present invention run on web server 310 and web client 330. As shown in Figure 3, the server portion of the application software of the present invention is shown as server application 312. Also

illustrated in Figure 3 is the client side portion of the application software of the present invention, shown as client application 332. In addition, in one embodiment, web server 310 has access to a user database 318, or an information store, for storing and managing user information. As shown in
5 Figure 3, the user database 318 may be operated as a database system independent of, but accessible to, the web server 310 through a local area network (not shown) or other means of communication. Alternatively, user database 318 may be incorporated into web server 310.

Generally, the present invention provides a method and apparatus for
10 facilitating user selection of item categories in an online auction, made accessible across a wide-area network 320, such as the Internet. Referring again to Figure 3, the client application software 332 includes at least one basic functional component, shown in one embodiment as client browser 336, which contains display and category selection capabilities. One embodiment of the
15 present invention is implemented in Javascript language as shown below:

```
LANGUAGE="JavaScript1.1">
<!-- the message below will display only on non-js1.1 browsrs --
>
<!-- --> <hr><h1>This page requires JavaScript 1.1</h1>
<!-- --> Please consider using Netscape 3.0/4.0 or Internet
Explorer 4.0
<!-- This HTML comment hides the script from non-js1.1 browsers

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n[12]="General";
n[355]="Ancient World";
n[1207]="Architectural";
n[2194]="Asian Antiques";
n[2195]="Books, Manuscripts";
n[356]="General";
n[2197]="African";
n[2196]="American";
n[2198]="Asian";
n[2200]="English";
n[2201]="European";
n[2202]="Latin American";
n[2203]="Ceramics";
n[2207]="Ethnographic";
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n[4170]="Latin American";
n[4173]="Native American";
n[4172]="Pacific Rim";
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 n[1211]="Metalware";
 n[358]="General";
 n[4175]="Brass";
 10 n[1212]="Bronze";
 n[1213]="Copper";
 n[4176]="Gold";
 n[1214]="Pewter";
 n[1215]="Silver";
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 15 n[359]="Musical Instruments";
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 20 n[2218]="Textiles, Linens";
 n[362]="General";
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 n[1111]="Medical";
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 n[1566]="New Age";
 50 n[1567]="New Artists";
 n[2251]="Old Time Radio";
 n[1568]="Opera";
 n[1057]="Pop";
 n[2252]="Punk, New Wave";
 55 n[1570]="R&B/Soul";
 n[2253]="Rag";
 n[1569]="Rap/Hip-Hop";
 n[1571]="Reggae/Ska";
 n[1054]="Religious";
 60 n[1572]="Rock: Alternative";
 n[1573]="Rock: Classic";

5 n[1055]="Rock: Hard";
 n[1574]="Rock: Heavy Metal";
 n[1575]="Rock: Soft";
 n[1058]="Sound Tracks: Film";
 n[1576]="Sound Tracks:Theatre";
 n[2254]="Spoken Word";
 n[1577]="Techno/Industrial";
 n[1578]="Vocals";
 10 n[1579]="World/International";
 n[1071]="Records";
 n[306]="General";
 n[2265]="45 RPM";
 n[2266]="78 RPM";
 15 n[2028]="Big Band/Swing";
 n[1580]="Blues";
 n[1072]="Childrens";
 n[2255]="Christian";
 n[1073]="Classical";
 20 n[2256]="Color Vinyl";
 n[2257]="Comedy";
 n[1074]="Country";
 n[1581]="Dance";
 n[1582]="Disco";
 25 n[2258]="Doo Wop";
 n[1075]="Folk";
 n[3366]="Garage";
 n[1583]="Holiday";
 n[2259]="House";
 30 n[2260]="Indie/Brit Pop";
 n[1584]="Instrumental";
 n[1078]="Jazz";
 n[1585]="Latin";
 n[1586]="New Age";
 35 n[1587]="New Artists";
 n[2261]="Old Time Radio";
 n[1588]="Opera";
 n[1079]="Picture";
 n[1080]="Pop";
 40 n[2262]="Punk, New Wave";
 n[1590]="R&B/Soul";
 n[2263]="Rag";
 n[1589]="Rap/Hip-Hop";
 n[1591]="Reggae/Ska";
 n[1076]="Religious";
 45 n[1592]="Rock: Alternative";
 n[1593]="Rock: Classic";
 n[1077]="Rock: Hard";
 n[1594]="Rock: Heavy Metal";
 n[1595]="Rock: Soft";
 50 n[1081]="Sound Tracks: Film";
 n[1596]="Sound Tracks:Theatre";
 n[2264]="Spoken Word";
 n[1597]="Techno/Industrial";
 n[1598]="Vocals";
 55 n[1599]="World/International";
 n[1603]="Tapes";
 n[618]="General";
 n[1601]="8 Tracks";
 n[1600]="Cassettes";
 60 n[2267]="Karaoke";
 n[1602]="Reel to Reel";

5 n[866]="Coins & Stamps";
 n[252]="Coins";
 n[3368]="Australia";
 n[3376]="Collections, Lots";
 n[3375]="Commemorative";
 n[4478]="Currency";
 n[3372]="Decimal";
 n[3369]="Gold Coins";
 10 n[3373]="Mint Sets";
 n[3371]="Pre-decimal: Copper";
 n[3370]="Pre-decimal: Silver";
 n[3374]="Proof Sets";
 n[256]="Non-US";
 n[257]="General";
 15 n[532]="Ancient, Medieval";
 n[533]="Africa";
 n[534]="Asia";
 n[535]="Australia";
 n[536]="Canada";
 20 n[537]="Central America";
 n[538]="England";
 n[539]="France";
 n[540]="Germany";
 n[541]="Mexico";
 25 n[542]="South America";
 n[543]="Errors";
 n[544]="Collections, Lots";
 n[545]="Mint, Proof Sets";
 n[546]="Commemorative";
 30 n[547]="Gold";
 n[385]="Currency";
 n[258]="Certificates";
 n[548]="Publications";
 n[549]="Supplies";
 35 n[3394]="UK";
 n[3404]="1/2 Crown";
 n[3396]="1/2 Penny";
 n[3403]="2 Shillings";
 n[3398]="3 Pence";
 40 n[3400]="4 Pence";
 n[3399]="6 Pence";
 n[3410]="Collections, Lots";
 n[4397]="Commemorative";
 n[3406]="Crown";
 45 n[4477]="Currency";
 n[3407]="Decimal Coinage";
 n[3405]="Double Florin";
 n[4398]="Farthing";
 n[3402]="Florin ";
 50 n[3408]="Gold";
 n[3397]="Penny";
 n[3409]="Proof Sets";
 n[3401]="Shilling";
 n[253]="US";
 55 n[786]="General";
 n[254]="Cents";
 n[255]="Certificates";
 n[525]="Collections, Lots";
 n[528]="Colonial";
 60 n[529]="Commemorative";
 n[376]="Currency";

5 n[867]="Dimes";
 n[523]="Dollars";
 n[524]="Errors";
 n[527]="Gold";
 n[522]="Halves";
 n[526]="Mint, Proof Sets";
 n[520]="Nickels";
 n[530]="Publications";
 10 n[521]="Quarters";
 n[531]="Supplies";
 n[259]="Exonumia";
 n[260]="Stamps";
 n[261]="US";
 n[262]="General";
 15 n[675]="19th Century:Used";
 n[676]="19th Century:Unused";
 n[678]="20th Century:Used";
 n[679]="20th Century:Unused";
 n[680]="Air Mail";
 20 n[681]="Back of Book";
 n[682]="Blocks, Sheets";
 n[683]="Collection, Mixture";
 n[684]="Covers";
 n[685]="Duck Stamps";
 25 n[686]="EFOs";
 n[687]="First Day Covers";
 n[688]="Possessions";
 n[689]="Publications";
 n[690]="Revenues";
 30 n[691]="Supplies";
 n[265]="Topical";
 n[352]="World";
 n[264]="General";
 n[692]="Africa";
 35 n[693]="Asia";
 n[263]="British Commonwealth";
 n[694]="Central America";
 n[695]="South America";
 n[696]="Collection, Mixture";
 40 n[697]="Covers";
 n[698]="EFOs";
 n[699]="Europe";
 n[700]="First Day Covers";
 n[701]="Publications";
 45 n[702]="Supplies";
 n[703]="Topical";
 n[3468]="Australia";
 n[3467]="General";
 n[3469]="Australian States";
 50 n[3470]="Booklets ";
 n[3471]="Collection, Mixture";
 n[3472]="Covers";
 n[3473]="FDCs";
 n[3474]="Flight Covers";
 55 n[3475]="PlateBlock/Multiples";
 n[3476]="Sheets ";
 n[3499]="UK";
 n[3498]="General";
 n[3504]="Booklets ";
 60 n[3503]="Collection, Mixture ";
 n[3513]="Commemorative";

5 n[3502]="Covers";
 n[3510]="Edward VII";
 n[3507]="Edward VIII";
 n[3506]="Elizabeth II";
 n[3501]="FDCs";
 n[3509]="George V";
 n[3508]="George VI";
 n[3505]="PlateBlock/Multiples";
 10 n[3500]="Sheets ";
 n[3511]="Victoria";
 n[704]="Philately";
 n[705]="General";
 n[1]="Collectibles";
 n[34]="Advertising";
 15 n[35]="General";
 n[805]="Airlines";
 n[806]="General";
 n[807]="American";
 n[808]="Braniff";
 20 n[809]="Delta";
 n[810]="Eastern";
 n[3865]="National Airlines";
 n[811]="Pan Am";
 n[812]="Piedmont";
 25 n[813]="TWA";
 n[1312]="United";
 n[1313]="Auto";
 n[1314]="General";
 n[3872]="British/European";
 30 n[1315]="Buick";
 n[1316]="Chevrolet";
 n[1317]="Chrysler";
 n[3871]="Daimler/Mercedes";
 n[1318]="Dodge";
 35 n[1319]="Ford";
 n[4400]="Jaguar";
 n[3874]="Packard";
 n[1320]="Pontiac";
 n[1321]="Bakery";
 40 n[871]="Bus";
 n[872]="Candy";
 n[873]="General";
 n[874]="M&M";
 n[1322]="Cereal";
 45 n[796]="Character";
 n[43]="Cigarette";
 n[44]="General";
 n[3880]="Dunhill";
 n[45]="Joe Camel";
 50 n[814]="Kool";
 n[3879]="Lucky Strike";
 n[815]="Marlboro";
 n[4266]="Rothmans";
 n[816]="Winston";
 55 n[797]="Clocks";
 n[865]="Coffee";
 n[817]="Dairy";
 n[818]="General";
 n[819]="Bordens";
 60 n[3881]="Ice Cream";
 n[798]="Displays";

5 n[820]="Distillery";
 n[821]="General";
 n[4595]="British Isle";
 n[4372]="Bundaberg ";
 n[824]="Green River";
 n[4270]="Irish";
 n[822]="Jack Daniels";
 n[823]="Jim Beam";
 10 n[825]="Old Crow";
 n[3882]="Scottish";
 n[3883]="Wild Turkey";
 n[826]="Dolls";
 n[1525]="Drug Store";
 n[827]="Farm";
 15 n[828]="General";
 n[830]="Allis Chalmers";
 n[3884]="Case";
 n[831]="Intl Harvester";
 n[829]="John Deere";
 20 n[3885]="Fashion";
 n[1526]="Food";
 n[875]="Forest Service";
 n[39]="Gasoline";
 n[40]="General";
 25 n[3888]="BP";
 n[1328]="Citgo";
 n[41]="Esso";
 n[839]="Exxon";
 n[1329]="Gulf";
 30 n[1330]="Hess";
 n[864]="Humble";
 n[832]="Phillip 66";
 n[833]="Shell";
 n[834]="Mobil";
 35 n[835]="Pennzoil";
 n[42]="Texaco";
 n[836]="Tydol";
 n[837]="Quaker State";
 n[1331]="Sinclair";
 40 n[838]="Standard Oil";
 n[1332]="Sunoco";
 n[3893]="General Store";
 n[1527]="Household";
 n[799]="Labels";
 45 n[3894]="Mr. Peanut";
 n[800]="Premiums";
 n[845]="Radio/Phonograph";
 n[846]="General";
 n[3895]="British /European";
 50 n[847]="RCA";
 n[848]="Edison";
 n[849]="Restaurant";
 n[850]="General";
 n[851]="Big Boy";
 55 n[1333]="Seed, Feed";
 n[840]="Shoes";
 n[841]="General";
 n[842]="Red Goose";
 n[843]="Buster Brown";
 60 n[844]="Weatherbird";
 n[804]="Signs";

5 n[876]="Soap";
 n[36]="Soda";
 n[37]="General";
 n[852]="Fountain";
 n[853]="Canada Dry";
 n[38]="Coca-Cola";
 n[877]="Dr. Pepper";
 n[1334]="Moxie";
 10 n[854]="Pepsi";
 n[855]="7Up";
 n[3897]="Schweppes";
 n[856]="Squirt";
 n[857]="Hires Root Beer";
 n[878]="Soup";
 15 n[879]="Telephone";
 n[801]="Tins";
 n[863]="Tires";
 n[803]="Trays";
 n[880]="Truck Lines";
 20 n[858]="Utilities";
 n[859]="General";
 n[860]="Reddy Kilowatt";
 n[861]="Handy Flame";
 n[862]="Willie Wirehand";
 25 n[802]="Victorian TradeCards";
 n[1335]="Animals";
 n[1336]="General";
 n[1337]="Bird";
 n[1338]="Cat";
 30 n[3230]="Dinosaur";
 n[1339]="Dog";
 n[1340]="Fantasy";
 n[1528]="Farm";
 n[3898]="Fish";
 35 n[1341]="Horse";
 n[1342]="Reptile";
 n[3238]="Wildlife";
 n[1343]="Zoo";
 n[1529]="Animation Art";
 40 n[1530]="General";
 n[1531]="Hand-Painted";
 n[1532]="Production Art";
 n[1533]="Sericels";
 n[1344]="Animation Characters";
 45 n[363]="General";
 n[1534]="Hanna-Barbera";
 n[1345]="Japanese Animation";
 n[1535]="King Features";
 n[1536]="Walter Lantz";
 50 n[1537]="Warner Brothers";
 n[555]="Art";
 n[47]="General";
 n[777]="Amateur Art";
 n[1086]="Artist Offerings";
 55 n[556]="Calendars";
 n[881]="Decorator/Designer";
 n[557]="Painting";
 n[559]="Posters";
 n[560]="Prints";
 60 n[561]="Supplies";
 n[3899]="Vintage Pin Up";

5 n[550]="Art:Fine";
 n[551]="Paintings";
 n[552]="Drawings";
 n[553]="Sculptures";
 n[554]="Multiple Techniques";
 n[49]="Autographs";
 n[50]="General";
 n[57]="Entertainment";
 10 n[58]="General";
 n[59]="Movies";
 n[1346]="Space";
 n[60]="Television";
 n[61]="Recording Artists";
 15 n[3900]="Historical";
 n[883]="Political";
 n[3901]="Science";
 n[62]="Sci-Fi";
 n[884]="Banks";
 20 n[149]="General";
 n[885]="Mechanical";
 n[886]="Still";
 n[887]="Barber Shop, Shaving";
 n[3265]="Barware";
 25 n[3269]="General";
 n[3273]="Shotglasses";
 n[386]="Bears";
 n[117]="General";
 n[387]="Accessories";
 30 n[31]="Antique";
 n[3902]="Artist";
 n[389]="General";
 n[3904]="Artist Offerings";
 n[3903]="Manufactured";
 35 n[1347]="Boyds";
 n[390]="General";
 n[3905]="Current";
 n[1348]="Resin";
 n[3877]="Retired, Discontinued";
 40 n[1538]="Chad Valley";
 n[3906]="Cherished Teddies";
 n[391]="General";
 n[3907]="Current";
 n[3908]="Resin";
 45 n[3909]="Retired";
 n[1539]="Deans";
 n[1540]="Merrythought";
 n[392]="Muffy";
 n[779]="Raikes";
 50 n[3910]="Steiff";
 n[393]="General";
 n[3911]="Current";
 n[3912]="Vintage";
 n[394]="Black Americana";
 55 n[889]="Bottles";
 n[369]="General";
 n[1349]="Avon";
 n[890]="Bitters";
 n[891]="Flasks";
 60 n[892]="Fruit Jars";
 n[893]="Household";
 n[894]="Inks";

5 n[895]="Medicine and Cures";
 n[896]="Mineral";
 n[3914]="Miniatures";
 n[897]="Poisons";
 n[1350]="Soda";
 n[1351]="Whiskey";
 n[562]="Breweriana";
 n[118]="General";
 10 n[563]="Bottles";
 n[3915]="Cans";
 n[564]="General";
 n[3916]="Cone Tops";
 n[3917]="Flat Tops";
 n[3918]="Pull Tabs";
 15 n[3919]="World";
 n[565]="Coasters";
 n[566]="Openers, Corkscrews";
 n[567]="Paper, Labels";
 n[568]="Pre-prohibition";
 20 n[569]="Signs, Tins";
 n[3920]="Steins, Drinkware";
 n[570]="General";
 n[3921]="Glasses";
 n[3922]="Lidded Steins";
 25 n[3923]="Mugs";
 n[3924]="Pitchers";
 n[3925]="Steins";
 n[571]="Tap Handles, Knobs";
 30 n[572]="Trays";
 n[388]="Breyer";
 n[898]="Casino";
 n[573]="General";
 n[899]="Chips";
 35 n[3443]="Strikes";
 n[3512]="Tokens";
 n[791]="Chalkware";
 n[2016]="Circus, Carnival";
 n[2017]="General";
 40 n[3926]="Fairground Art";
 n[3927]="Fairings";
 n[1541]="Fairs";
 n[2018]="Programs and Posters";
 n[2019]="Souvenirs";
 45 n[397]="Clocks, Timepieces";
 n[3932]="Character Watches";
 n[1352]="General";
 n[3933]="Clocks";
 n[3934]="Pocket Watches";
 50 n[3935]="Watches";
 n[3928]="Clocks";
 n[119]="General";
 n[3929]="Antiques";
 n[3930]="Contemporary";
 55 n[3931]="Vintage";
 n[401]="Miscellaneous";
 n[3937]="Pocket Watches";
 n[398]="General";
 n[3940]="Antiques";
 60 n[3938]="Contemporary";
 n[3939]="Vintage ";
 n[3941]="Wrist Watches";

5 n[399]="General";
 n[3942]="Contemporary";
 n[4189]="Swatch";
 n[3943]="Vintage";
 n[400]="Other Timepieces";
 n[3944]="Coin - Operated";
 n[575]="General";
 n[3945]="Arcade";
 10 n[3946]="Jukeboxes";
 n[3947]="Pinball";
 n[3948]="Slots";
 n[3949]="Trade Stimulators";
 n[3950]="Vending";
 15 n[1353]="Collector Plates";
 n[574]="General";
 n[3951]="Bing and Grondahl";
 n[1354]="Bradford Exchange";
 n[1355]="Danbury Mint";
 20 n[1356]="Franklin Mint";
 n[1357]="Hamilton";
 n[1358]="Knowles";
 n[1359]="Princess House";
 n[1360]="State Plates";
 25 n[1361]="Wedgwood";
 n[63]="Comic Books";
 n[78]="Comic Magazines";
 n[64]="General";
 n[72]="Classic";
 30 n[3952]="Collections ";
 n[80]="Comic Figurines";
 n[3965]="Comic Magazines";
 n[3752]="General";
 n[3966]="Alternative, Zines";
 35 n[3967]="Fan clubs";
 n[3968]="Heavy Metal";
 n[3969]="Mad";
 n[3970]="Pulps";
 n[3971]="Superhero ";
 40 n[3953]="Full Runs";
 n[66]="Golden Age";
 n[67]="General";
 n[3972]="Cartoon Character";
 n[69]="Crime";
 45 n[71]="Funny Animal";
 n[70]="Horror/Sci-Fi";
 n[3973]="Romance";
 n[68]="Superhero";
 n[3974]="War";
 50 n[3975]="Westerns";
 n[3954]="Graphic novels";
 n[3957]="International";
 n[3956]="General";
 n[3960]="France";
 55 n[3962]="Japan";
 n[3964]="UK";
 n[900]="Modern";
 n[77]="General";
 n[901]="1970-1980";
 60 n[902]="1981-1990";
 n[903]="1991-now";
 n[3979]="Alternative";

5 n[3980]="Cartoon Character";
 n[3981]="Horror/Sci-Fi";
 n[3982]="Reprints";
 n[3983]="Superhero";
 n[3955]="Movie, TV";
 n[79]="Newspaper Comics";
 n[3984]="Original Comic Art";
 n[972]="General";
 10 n[3985]="Covers";
 n[3986]="Drawings, Sketches";
 n[3987]="Paintings";
 n[65]="Pre-Golden Age";
 n[3989]="Publishers";
 15 n[3988]="General";
 n[3990]="Archie ";
 n[3991]="Dark Horse";
 n[3992]="DC ";
 n[3993]="Dell";
 20 n[3994]="Gold Key";
 n[3995]="Harvey ";
 n[3996]="Image ";
 n[3997]="Marvel";
 n[3998]="Vertigo";
 25 n[3999]="Viz";
 n[73]="Silver Age";
 n[74]="General";
 n[3976]="Cartoon Character";
 30 n[76]="Horror/Sci-Fi";
 n[3977]="Romance";
 n[75]="Superhero";
 n[3978]="Westerns";
 n[109]="Contemporary";
 n[120]="Crafts";
 35 n[121]="General";
 n[953]="Cross Stitch";
 n[954]="Crochet";
 n[1087]="Handcrafted Arts";
 n[122]="General";
 40 n[1088]="Artist Offerings";
 n[1362]="Knitting";
 n[1363]="Needlepoint";
 n[904]="Supplies";
 n[123]="General";
 45 n[905]="Stamping";
 n[906]="Patterns";
 n[1364]="Tole Painting";
 n[98]="Decorative";
 n[100]="General";
 50 n[4018]="ANRI";
 n[4019]="Armani";
 n[97]="Avon Works";
 n[4020]="Bells";
 n[4021]="Byers Choice";
 55 n[4022]="Cat's Meow Village";
 n[4023]="Cloisonne";
 n[1543]="David Winter";
 n[4024]="Duncan Royale";
 n[4025]="Eggs";
 60 n[104]="Enesco";
 n[4026]="Flambro";
 n[1545]="Harmony Kingdom";

5 n[103]="Hummel";
 n[105]="Josef";
 n[1544]="Lilliput Lane";
 n[101]="Longaberger";
 n[108]="Norman Rockwell";
 n[107]="Precious Moments";
 n[1546]="Robert Harrop";
 n[4027]="Royal Doulton";
 10 n[4028]="Schmid";
 n[4029]="Seashells";
 n[4030]="Tom Clark";
 n[106]="Wade";
 n[4031]="Wedgwood";
 n[1542]="World Studios";
 15 n[1365]="Dept 56";
 n[370]="General";
 n[4032]="Alpine Village";
 n[4033]="Christmas in City";
 20 n[1366]="Dickens Village";
 n[1547]="Heritage Village";
 n[4034]="New England Village";
 n[4035]="North Pole";
 n[1367]="Snow Babies";
 n[1368]="Snow Village";
 25 n[137]="Disneyana";
 n[1369]="Contemporary";
 n[138]="General";
 n[1370]="Apparel,Accessories";
 30 n[1371]="Animation/Cels";
 n[144]="Posters, Lithos";
 n[1372]="Books";
 n[1373]="Collector Clubs";
 n[1374]="Comics";
 35 n[141]="Figures";
 n[1375]="Figurines";
 n[1376]="Holiday";
 n[1377]="Housewares";
 n[1378]="Jewelry";
 40 n[1379]="Limited Editions";
 n[1380]="Magic Kingdoms";
 n[142]="Plush Toys";
 n[143]="Pins, Buttons";
 n[1381]="Premiums";
 45 n[1382]="Records/Tapes/CD's";
 n[1383]="Toys,Games,Puzzles";
 n[145]="Video/Laserdiscs";
 n[1384]="Watches";
 n[139]="Vintage";
 50 n[140]="General";
 n[1385]="Apparel/Accessories";
 n[1386]="Animation,Cels";
 n[1387]="Posters & Lithos";
 n[1388]="Books";
 55 n[1389]="Comics";
 n[1390]="Figures";
 n[1391]="Figurines";
 n[1392]="Holiday";
 n[1152]="Housewares";
 60 n[1393]="Jewelry";
 n[1394]="Pins, Buttons";
 n[1395]="Plush Toys";

5 n[1396]="Premiums";
 n[1397]="Records";
 n[1398]="Toys, Games, Puzzles";
 n[1399]="Watches";
 n[4036]="Educational";
 n[4037]="Electric fans";
 n[128]="Ethnographic";
 n[4038]="Firefighting";
 n[396]="General";
 10 n[4039]="Extinguishers";
 n[4040]="Helmets";
 n[4041]="Patches";
 n[792]="Fishing";
 n[793]="General";
 15 n[794]="Lures";
 n[4042]="Flags";
 n[4043]="Flue Covers";
 n[3547]="Folk Art";
 n[402]="Fraternal Groups";
 20 n[403]="General";
 n[404]="Boy Scouts";
 n[1548]="Boys & Girls Brigade";
 n[4044]="Employee Badges";
 n[405]="Girl Scouts";
 25 n[518]="Masonic";
 n[1549]="Salvation Army";
 n[1550]="Trade Union";
 n[1400]="Furniture";
 n[576]="Hallmark";
 30 n[147]="General";
 n[973]="Kiddie Car Classics";
 n[577]="Merry Miniatures";
 n[578]="Miniature Ornaments";
 n[579]="Series Ornaments";
 35 n[2000]="Hawaiiana";
 n[2001]="General";
 n[2002]="Accessories";
 n[2003]="Apparel";
 n[2004]="Hula";
 40 n[907]="Holiday, Seasonal";
 n[365]="General";
 n[1089]="Christmas";
 n[908]="General";
 n[148]="Ornaments";
 45 n[1090]="Santa";
 n[1091]="Vintage";
 n[909]="Easter";
 n[910]="Halloween";
 n[4045]="Mardi Gras";
 50 n[911]="New Year";
 n[912]="Thanksgiving";
 n[913]="Valentine";
 n[795]="Insulators";
 n[3628]="Keychains";
 55 n[81]="Kitchenware";
 n[82]="General";
 n[4046]="Cookie Cutters";
 n[4047]="Cookie Jars";
 n[83]="General";
 60 n[4048]="Tops , Bottoms";
 n[974]="Cookware";

5 n[975]="General";
 n[976]="Cast Iron";
 n[977]="Graniteware";
 n[580]="Open Salts";
 n[4049]="Salt, Pepper Shakers";
 n[84]="General";
 n[4051]="Singles";
 n[4050]="Souvenir";
 10 n[982]="Small Appliances";
 n[978]="Tableware";
 n[979]="General";
 n[980]="Flatware";
 n[981]="Hollow Ware";
 n[983]="Utensils";
 15 n[1401]="Knives";
 n[475]="General";
 n[1402]="Commemorative";
 n[1403]="Pocket";
 n[1404]="Lamps";
 20 n[371]="General";
 n[4062]="Candle Holders";
 n[4053]="Electric";
 n[1405]="General";
 n[4052]="Lava Lamps";
 25 n[4054]="Motion";
 n[4055]="Neon";
 n[4056]="Pottery";
 n[4057]="Non Electric";
 n[1406]="General";
 30 n[4058]="Gas";
 n[4059]="Kerosene";
 n[4060]="Miniature";
 n[4061]="Oil";
 n[1407]="Parts";
 35 n[1408]="Shades";
 n[581]="Limited Editions";
 n[3557]="Locks, Keys";
 n[1409]="Lunchboxes";
 n[150]="General";
 40 n[1410]="Metal";
 n[1411]="Plastic";
 n[476]="Magnets";
 n[1412]="Maps / Atlas";
 n[582]="General";
 45 n[1413]="Road Maps";
 n[4065]="Medical";
 n[4064]="General";
 n[4066]="Dental";
 n[4067]="Devices";
 50 n[4068]="Paper";
 n[4069]="Quack";
 n[195]="Memorabilia";
 n[3629]="General";
 n[208]="Historical";
 55 n[427]="Magic";
 n[196]="Movie";
 n[197]="General";
 n[4263]="British Comedy";
 n[2025]="Gone With The Wind";
 60 n[2316]="James Bond";
 n[198]="Lobby Cards:General";

n[1417]="Lobby Cards:Non-US";
 n[1419]="Posters:General";
 n[1420]="Posters:Non-US";
 n[790]="Props, Wardrobe";
 5 n[199]="Lithographs";
 n[200]="Photos";
 n[211]="Other";
 n[431]="Rock-n-Roll";
 n[210]="General";
 10 n[1421]="Photos";
 n[1422]="Hard Rock Cafe";
 n[432]="The Beatles";
 n[433]="Elvis:General";
 n[2007]="Elvis:Buttons";
 15 n[2008]="Elvis:Clothing";
 n[2009]="Elvis:Concert/Tour";
 n[2010]="Elvis:Belongings";
 n[2011]="Elvis:Movie Items";
 n[2012]="Elvis:Music";
 20 n[2013]="Elvis:Novelties";
 n[2014]="Elvis:Photos";
 n[2015]="Elvis:Trading Cards";
 n[447]="Grateful Dead";
 n[434]="Kiss";
 25 n[435]="Michael Jackson";
 n[2354]="Pink Floyd";
 n[2355]="Queen";
 n[445]="Rolling Stones";
 n[1423]="The Who";
 30 n[2356]="U2";
 n[1414]="Royal";
 n[1424]="Television";
 n[201]="General";
 n[1425]="50's";
 35 n[1426]="60's";
 n[1427]="70's";
 n[1428]="80's";
 n[1429]="90's";
 n[778]="Theatre";
 40 n[209]="Western";
 n[1430]="Metalware";
 n[28]="General";
 n[1431]="Aluminum";
 n[3630]="Brass";
 45 n[1432]="Bronze";
 n[3631]="Cast Iron";
 n[1433]="Copper";
 n[1434]="Pewter";
 n[1435]="Silver";
 50 n[1436]="Silver Plate";
 n[134]="Militaria";
 n[135]="General";
 n[4070]="Pre Civil War";
 n[583]="Pre WW I";
 55 n[585]="WW II";
 n[1552]="Ancient";
 n[136]="Civil War";
 n[587]="Vietnam";
 n[584]="WW I";
 60 n[586]="Korea";
 n[588]="Surplus";

	n[4072]="Militaria: World";
	n[4071]="General";
	n[4373]="Australian";
5	n[4073]="General";
	n[4374]="WW I";
	n[4375]="WW II";
	n[4074]="British";
	n[4075]="Canadian";
10	n[4076]="Chinese";
	n[4077]="French";
	n[4078]="German";
	n[4079]="Italian";
	n[4080]="Japanese";
15	n[4081]="Swedish";
	n[4082]="Millennium";
	n[3632]="Mining";
	n[984]="Music Boxes";
	n[713]="Native Americana";
	n[372]="General";
20	n[714]="Arts, Crafts";
	n[715]="Artifacts";
	n[716]="Pre-1940";
	n[4083]="Noddies";
25	n[4085]="Optical";
	n[4084]="General";
	n[4086]="Eyeglasses";
	n[4087]="Surveying Equipment";
	n[3636]="Telescopes";
30	n[373]="Orientalia";
	n[124]="Paper";
	n[125]="General";
	n[4089]="Blotter";
	n[4090]="Booklets";
	n[4091]="Brochures";
35	n[4092]="Documents";
	n[126]="Ephemera";
	n[3633]="Greeting Cards";
	n[477]="Matchbooks";
40	n[1437]="Menus";
	n[1439]="Newspapers";
	n[1438]="Playing Cards";
	n[914]="Postcards";
	n[127]="General";
45	n[3634]="Advertising";
	n[915]="Animals";
	n[916]="Artist Signed";
	n[4093]="Comic";
	n[917]="Ethnic";
50	n[918]="Exposition";
	n[919]="Greetings";
	n[920]="Holiday";
	n[921]="Military";
	n[4095]="National Parks";
55	n[3635]="Patriotic";
	n[922]="Real Photo";
	n[4094]="Sports";
	n[924]="State Views";
	n[925]="Town Views";
60	n[926]="Transportation";
	n[927]="Western";
	n[4096]="World";

5 n[1440]="Scrapbooks";
 n[4097]="Pez";
 n[151]="General";
 n[4098]="Current";
 n[4099]="Vintage (no feet)";
 n[1442]="Phonographs";
 n[407]="Photographic Images";
 n[48]="General";
 10 n[408]="Daguerreo/Ambro/Tin";
 n[409]="CDV/Cabinet";
 n[1507]="Risque";
 n[410]="Stereoview";
 n[411]="Viewmaster";
 n[2036]="Pinbacks";
 15 n[928]="Police";
 n[395]="General";
 n[930]="Patches"; [929]="Obsolete Badges";
 n[4100]="Political: US";
 n[367]="General";
 20 n[4101]="City";
 n[4102]="Congress";
 n[4104]="County";
 n[4103]="President";
 n[4105]="Senate";
 25 n[4106]="State";
 n[4108]="Political: World";
 n[4107]="General";
 n[4109]="Australia";
 n[4110]="France";
 30 n[4113]="Japan";
 n[4112]="Latin America";
 n[4111]="Sweden";
 n[4114]="UK";
 n[1443]="Promo Glasses";
 35 n[931]="Radio";
 n[132]="General";
 n[932]="Transistor";
 n[933]="Tube";
 n[934]="Manuals";
 40 n[1446]="Religious";
 n[366]="General";
 n[1447]="Christianity";
 n[1448]="Eastern";
 n[4280]="Islam";
 45 n[1449]="Judaism";
 n[4115]="Scales";
 n[412]="Science";
 n[413]="General";
 n[414]="Instruments";
 50 n[415]="Rock/Fossil/Mineral";
 n[416]="Space Exploration";
 n[152]="Science Fiction";
 n[153]="General";
 n[785]="Babylon 5";
 55 n[1450]="Dr. Who";
 n[591]="Godzilla";
 n[154]="Star Wars";
 n[155]="Star Trek";
 n[156]="X Files";
 60 n[1451]="Sheet Music";
 n[157]="General";

5 n[1452]="Military/Historical";
 n[1453]="Movies/TV";
 n[1454]="Non-piano";
 n[1455]="Radio";
 n[1456]="Rag";
 n[1457]="Song Books";
 n[1458]="Theatre";
 n[1459]="Transportation";
 10 n[3637]="Snowdomes";
 n[1460]="Souvenirs";
 n[592]="Stoneware";
 n[985]="Telephone";
 n[3638]="Television Sets";
 n[940]="Textiles";
 15 n[33]="General";
 n[941]="Bedspreads";
 n[942]="Drapery";
 n[943]="Fabric";
 n[4116]="Handkerchiefs";
 20 n[944]="Kitchen";
 n[945]="Lace,Crochet,Doilies";
 n[946]="Linens";
 n[947]="Quilts";
 n[948]="Rugs";
 25 n[949]="Samplers";
 n[3639]="Tablecloths";
 n[950]="Tapestry";
 n[593]="Tobacciana";
 n[133]="General";
 30 n[594]="Ashtrays";
 n[986]="Cigar";
 n[951]="Lighters";
 n[595]="General";
 n[952]="Zippo";
 35 n[4117]="Match Holders";
 n[4118]="Pipes";
 n[596]="General";
 n[4119]="Estate";
 n[4120]="Tobacco Cards";
 40 n[4121]="Tools";
 n[1461]="General";
 n[4122]="Mechanics";
 n[4123]="Woodworking";
 n[868]="Trading Cards";
 45 n[668]="Comic";
 n[1462]="Credit/Charge Cards";
 n[478]="Gaming";
 n[218]="Magic";
 n[219]="Other Non-Sports";
 50 n[1463]="Phone Cards";
 n[669]="Science Fiction";
 n[3737]="General";
 n[670]="Babylon 5";
 n[671]="Star Trek";
 55 n[672]="Star Wars";
 n[673]="X Files";
 n[479]="Trains, RR Models";
 n[131]="General";
 n[480]="American Flyer";
 60 n[1556]="Hornby";
 n[4283]="Kits";

5 n[4282]="General";
 n[4144]="Lionel";
 n[481]="General";
 n[4145]="1901-1942";
 n[4146]="1945 to 1969";
 n[4147]="1970 to 1986";
 n[4148]="1987 to Current";
 n[1557]="Marklin";
 n[1558]="Marx";
 10 n[482]="Other Tinplates";
 n[483]="Scales";
 n[4149]="G";
 n[484]="HO, OO, TT";
 n[486]="N, Z";
 15 n[485]="O";
 n[487]="Other";
 n[1444]="Trains, Railroadiana";
 n[130]="General";
 n[4125]="Hardware";
 20 n[4124]="General";
 n[4126]="Badges, Emblems";
 n[4127]="Dining Items";
 n[4128]="Lanterns, Lamps";
 n[4129]="Locks, Keys";
 25 n[4130]="Tools";
 n[4131]="Paper";
 n[1445]="General";
 n[4132]="Books";
 n[4133]="Brochures";
 30 n[4134]="Employee Timetables ";
 n[4135]="Passes, Tickets";
 n[4136]="Public Timetables";
 n[4137]="Rule Books";
 n[417]="Transportation";
 35 n[4150]="General";
 n[418]="Automobilia";
 n[419]="Aviation";
 n[420]="Bicycle";
 n[4151]="Bus";
 40 n[421]="License Plates";
 n[423]="Nautical";
 n[4152]="Subway";
 n[1464]="Umbrellas";
 n[597]="Vanity Items";
 45 n[598]="General";
 n[599]="Accessories";
 n[4153]="Celluloid";
 n[600]="Compacts";
 n[601]="Hatpins";
 50 n[602]="Perfumes";
 n[4155]="Victorian Sets";
 n[110]="Vintage";
 n[111]="General";
 n[956]="Clothing";
 55 n[112]="General";
 n[957]="Accessories";
 n[958]="Children";
 n[4156]="Costumes / Masks";
 n[959]="Denim";
 60 n[960]="Hats";
 n[961]="Men";

5 n[962]="Purses";
 n[963]="Shoes";
 n[964]="Sports";
 n[965]="Women";
 n[113]="Vintage Sewing";
 n[114]="General";
 n[115]="Buttons";
 n[605]="Machine, Accessory";
 10 n[4157]="Patterns";
 n[606]="General";
 n[4159]="Accessories";
 n[4158]="Children";
 n[4160]="Men";
 n[4161]="Women";
 15 n[1465]="Pin Cushions";
 n[116]="Thimbles";
 n[1466]="Weird Stuff";
 n[515]="General";
 20 n[1467]="Slightly Unusual";
 n[1468]="Really Weird";
 n[1469]="Totally Bizarre";
 n[987]="Western Americana";
 n[4162]="Worlds Fair";
 25 n[426]="General"; [4163]="1876 Philadelphia";
 n[4164]="1893 Chicago";
 n[4165]="1901 Buffalo";
 n[4166]="1904 St Louis";
 n[4167]="1933-4 Chicago";
 n[4168]="1939-40 New York";
 30 n[4169]="1964-5 New York";
 n[966]="Writing Instruments";
 n[158]="General";
 n[967]="Pens";
 n[968]="Pencils";
 35 n[969]="Desktop Items";
 n[970]="Ink wells";
 n[971]="Sets";
 n[159]="Miscellaneous";
 n[160]="Computers";
 40 n[1085]="Digital Cameras";
 n[161]="Hardware";
 n[162]="General";
 n[163]="Books";
 n[164]="CPUs";
 45 n[165]="Drives";
 n[166]="CD ROM";
 n[167]="IDE";
 n[168]="SCSI";
 n[169]="Floppy, Other";
 50 n[170]="Input Peripherals";
 n[171]="Macintosh";
 n[1479]="Mainframes";
 n[1480]="Memory";
 n[172]="General";
 55 n[1481]="Ram";
 n[1482]="Sdram";
 n[173]="Modems";
 n[174]="Monitors";
 n[1244]="Motherboards";
 60 n[175]="Multimedia";
 n[176]="Networking";

5 n[177]="Portable";
 n[1245]="Printers";
 n[178]="General";
 n[1246]="Accessories";
 n[1483]="Supplies";
 n[179]="PC Systems";
 n[1484]="Servers";
 n[1485]="Terminals";
 10 n[1486]="Unix";
 n[180]="Video";
 n[1247]="Vintage";
 n[181]="Software";
 n[182]="General";
 15 n[183]="Books";
 n[184]="Business";
 n[1248]="Children's";
 n[185]="Desktop Publishing";
 n[186]="Educational";
 20 n[1249]="Games";
 n[187]="General";
 n[1250]="Atari";
 n[1487]="Commodore";
 n[1488]="Sega";
 25 n[1489]="Sony";
 n[1490]="Nintendo";
 n[1654]="Games:Internet";
 n[1655]="Ultima Online";
 n[188]="Graphics, Multimedia";
 30 n[189]="Macintosh";
 n[1251]="Programming";
 n[1252]="Reference";
 n[1505]="Utilities";
 n[191]="General";
 35 n[1506]="Auction Utilities";
 n[192]="Services";
 n[193]="General";
 n[1253]="Informational";
 n[1491]="General";
 40 n[1311]="Auction Services";
 n[194]="Web Hosting";
 n[237]="Dolls, Figures";
 n[238]="Dolls";
 n[239]="General";
 45 n[326]="Antique";
 n[32]="General";
 n[340]="Bisque";
 n[341]="Composition";
 n[327]="Artist";
 50 n[328]="Cloth";
 n[339]="General";
 n[241]="Raggedy Ann, Andy";
 n[329]="Clothes, Accessories";
 n[342]="Antique, Vintage";
 55 n[343]="Modern";
 n[330]="Effanbee";
 n[1032]="Fashion (Non-Barbie)";
 n[331]="General";
 n[1033]="Gene";
 60 n[1201]="Furniture";
 n[332]="Hard Plastic";
 n[1202]="House, Miniatures";

5 n[333]="General";
 n[1203]="Vintage";
 n[334]="Ideal";
 n[240]="Madame Alexander";
 n[335]="Mattel";
 n[336]="Modern";
 n[344]="General";
 n[243]="Cabbage Patch";
 10 n[1034]="Holly Hobbie";
 n[1204]="Rainbow Brite";
 n[2439]="Spice Girls";
 n[242]="Strawberry Shortcake";
 n[337]="Nancy Ann";
 n[368]="Paper Dolls";
 15 n[1205]="Patterns";
 n[338]="Vogue";
 n[1035]="General";
 n[345]="Ginny";
 n[346]="Ginnette";
 20 n[347]="Jill, Jeff";
 n[4380]="Australian Dolls";
 n[4379]="General";
 n[244]="Figures";
 n[245]="General";
 25 n[1206]="Trolls";
 n[247]="Barbie";
 n[248]="General";
 n[249]="Accessories";
 n[250]="Vintage Barbie";
 30 n[251]="Vintage Accessories";
 n[281]="Jewelry, Gemstones";
 n[488]="Beads";
 n[489]="General";
 n[490]="Supplies";
 35 n[491]="Gemstones";
 n[282]="General";
 n[492]="Faceted, Cabochon";
 n[493]="Specimen, Rough";
 n[494]="Settings, Tools";
 40 n[495]="Packaging, Display";
 n[283]="Jewelry";
 n[284]="General";
 n[288]="Ancient/Ethnographic";
 n[496]="Beaded";
 45 n[497]="General";
 n[498]="Antique, Vintage";
 n[516]="Contemporary, New";
 n[287]="Carved, Cameo";
 n[499]="Contemporary";
 50 n[500]="Costume";
 n[289]="General";
 n[501]="Antique, Vintage";
 n[502]="Bakelite, Plastics";
 n[503]="Contemporary";
 55 n[504]="Designer, Signed";
 n[505]="Fine";
 n[506]="Gold";
 n[286]="General";
 n[507]="Antique, Vintage";
 60 n[508]="Contemporary";
 n[509]="Designer, Signed";

5 n[510]="Silver";
 n[285]="General";
 n[511]="Antique, Vintage";
 n[512]="Contemporary";
 n[513]="Designer, Signed";
 n[514]="Victorian";
 n[291]="Vintage";
 n[290]="Watches";
 10 n[1047]="Photo & Electronics";
 n[293]="Consumer Electronics";
 n[294]="General";
 n[1497]="Audio Equipment";
 n[295]="General";
 n[1498]="Auto";
 15 n[1499]="Home";
 n[1500]="Radio Equipment";
 n[296]="General";
 n[1501]="CB";
 n[1502]="Ham";
 20 n[1503]="Telephone";
 n[1504]="Test Equipment";
 n[625]="Photo Equipment";
 n[297]="General";
 n[706]="Accessories";
 25 n[707]="Lenses";
 n[708]="Lighting, Meters";
 n[709]="Subminiature";
 n[710]="Medium Format";
 n[627]="Large Format";
 30 n[626]="35mm";
 n[628]="Movie";
 n[629]="Darkroom Equipment";
 n[711]="Vintage, Collectible";
 n[712]="Instruction, Manuals";
 35 n[298]="Video Equipment";
 n[870]="Pottery & Glass";
 n[13]="Glass";
 n[14]="General";
 n[955]="Art Glass";
 40 n[15]="General";
 n[988]="N.American";
 n[989]="Bohemian";
 n[990]="Czech";
 n[991]="English";
 45 n[992]="French";
 n[993]="Irish";
 n[994]="Italian";
 n[995]="Scandinavian";
 50 n[16]="Carnival";
 n[996]="Contemporary Glass";
 n[997]="General";
 n[998]="Boyd";
 n[2685]="Caithness";
 n[999]="Crystal";
 55 n[1000]="Degenhart";
 n[1001]="Mosser";
 n[1002]="Depression";
 n[17]="General";
 n[1003]="Anchor Hocking";
 60 n[1004]="Federal";
 n[1005]="Hazel Atlas";

5 n[1006]="Indiana";
 n[1007]="Jeannette";
 n[1008]="Macbeth-Evans";
 n[1009]="U.S.Glass";
 n[1010]="40s, 50s, 60s";
 n[1011]="Kitchen Glassware";
 n[1012]="General";
 n[1013]="Accessories/Utensils";
 10 n[1014]="Butter Dishes";
 n[1015]="Cruets";
 n[1016]="Measuring Cups";
 n[1017]="Reamers";
 n[1018]="Swanky Swigs";
 15 n[22]="EAPG";
 n[1020]="Elegant";
 n[23]="General";
 n[1021]="Cambridge";
 n[1022]="Duncan Miller";
 n[1023]="Fostoria";
 20 n[1024]="Heisey";
 n[1025]="Imperial";
 n[1026]="Morgantown";
 n[1027]="New Martinsville";
 n[1028]="Paden City";
 25 n[1029]="Tiffin";
 n[1030]="Westmoreland";
 n[21]="Fenton";
 n[1019]="Fire King";
 n[18]="Milk";
 30 n[1229]="Opalescent";
 n[20]="Paperweights";
 n[1230]="Stained Glass";
 n[1031]="Swarovski";
 n[19]="Vaseline";
 35 n[27]="Pottery";
 n[86]="General";
 n[2751]="Asian";
 n[442]="Bauer";
 n[4386]="Bendigo";
 40 n[1231]="Blue Ridge";
 n[1043]="British Art";
 n[1232]="Buffalo";
 n[443]="California Pottery";
 n[2755]="Carlton";
 45 n[783]="Colorado Pottery";
 n[784]="Dakota Pottery";
 n[2761]="Delft";
 n[444]="Dinnerware";
 n[1044]="European Art";
 50 n[473]="Fiesta: Contemporary";
 n[87]="Fiesta: Vintage";
 n[448]="Franciscan";
 n[449]="Frankoma, Gracetone";
 n[450]="Hall";
 55 n[589]="Haeger";
 n[1233]="Headvases";
 n[451]="Homer Laughlin";
 n[452]="Hull";
 n[453]="Majolica";
 60 n[89]="McCoy";
 n[454]="Metlox";

n[1234]="Moorcroft";
 n[1235]="Newcomb";
 n[1236]="Owens";
 n[1237]="Pfaltzgraff";
 5 n[455]="Red Wing, Rumrill";
 n[90]="Rookwood";
 n[96]="Roseville";
 n[456]="Royal Copley";
 n[457]="Russel Wright";
 10 n[1045]="Scandinavian Art";
 n[91]="Shawnee";
 n[2789]="Spode";
 n[458]="Staffordshire";
 n[459]="Stangl";
 15 n[517]="Tablewares";
 n[1238]="Tea Pots, Tea Sets";
 n[1239]="UHL";
 n[2792]="Wade ";
 n[1240]="Wall Pockets";
 20 n[460]="Watt";
 n[461]="Weller";
 n[590]="Van Briggles";
 n[1046]="Vernon Kilns";
 n[24]="Porcelain";
 25 n[25]="General";
 n[462]="Chintz, Shelley";
 n[463]="Decorative";
 n[464]="Dinnerware";
 n[26]="Figurines";
 30 n[474]="Figurines: Animal";
 n[1241]="Flow Blue";
 n[466]="Haviland, Limoges";
 n[88]="Hummel, Goebel";
 n[468]="Lefton";
 35 n[92]="Lenox";
 n[2805]="Limoges";
 n[1242]="Lladro";
 n[2810]="Minton";
 n[93]="Nippon";
 40 n[94]="Noritake";
 n[469]="Occupied Japan";
 n[470]="Precious Moments";
 n[1243]="Royal Bayreuth";
 n[95]="Royal Doulton";
 45 n[471]="RS Prussia, Related";
 n[2817]="Spode";
 n[2818]="Villeroy & Boch";
 n[2819]="Wade";
 n[472]="Wedgwood";
 50 n[888]="Sports Memorabilia";
 n[51]="Autographs: Sports";
 n[52]="General";
 n[53]="Baseball";
 n[54]="Basketball";
 55 n[55]="Football";
 n[1223]="Golf";
 n[56]="Hockey";
 n[1224]="Olympic";
 n[1225]="Racing";
 60 n[2841]="Soccer";
 n[1226]="Tennis";

n[202]="Memorabilia";
 n[203]="General";
 n[2846]="Australian Football";
 5 n[204]="Baseball";
 n[205]="Basketball";
 n[1227]="Boxing";
 n[2853]="Cricket";
 n[2856]="Darts";
 10 n[206]="Football";
 n[428]="Golf";
 n[2867]="Gymnastics";
 n[780]="Hockey";
 n[429]="Horse Racing";
 15 n[465]="Ice Skating";
 n[1228]="Indy 500";
 n[207]="NASCAR";
 n[788]="Olympic";
 n[4396]="Olympic Pins";
 20 n[2876]="Racing - Formula 1";
 n[2880]="Rugby - League";
 n[2881]="Rugby - Union";
 n[2883]="Sailing & Boating";
 n[2885]="Soccer";
 25 n[2895]="Swimming";
 n[430]="Tennis";
 n[212]="Trading Cards";
 n[634]="Baseball";
 n[213]="General";
 30 n[635]="Box";
 n[636]="Lots";
 n[637]="Packs";
 n[638]="Rookies";
 n[639]="Sets";
 35 n[641]="Singles: Pre 1950";
 n[642]="Singles: 1950 - 1980";
 n[643]="Singles: 1981 - now";
 n[644]="Basketball";
 n[214]="General";
 40 n[645]="Box";
 n[646]="Lots";
 n[647]="Packs";
 n[648]="Rookies";
 n[649]="Sets";
 45 n[650]="Singles";
 n[651]="Football";
 n[215]="General";
 n[652]="Box";
 n[653]="Lots";
 50 n[654]="Packs";
 n[655]="Rookies";
 n[656]="Sets";
 n[657]="Singles";
 n[658]="Hockey";
 n[216]="General";
 55 n[659]="Box";
 n[660]="Lots";
 n[661]="Packs";
 n[662]="Rookies";
 n[663]="Sets";
 60 n[664]="Singles";
 n[217]="Other Sports";

5 n[665]="Racing";
 n[666]="NASCAR";
 n[667]="NHRA";
 n[2971]="Soccer";
 n[2970]="General";
 n[1222]="Minor League";
 n[220]="Toys, Bean Bag Plush";
 n[246]="Action Figures";
 n[348]="General";
 10 n[4299]="Dr. Who";
 n[746]="Babylon 5";
 n[1167]="GI Joe";
 n[349]="General";
 n[1168]="12 Inch";
 15 n[747]="Godzilla";
 n[1169]="Mego";
 n[748]="Movie";
 n[749]="Power Rangers";
 n[750]="Star Trek";
 20 n[751]="Star Wars";
 n[752]="Super Hero";
 n[753]="Transformers";
 n[754]="Sports";
 n[350]="General";
 25 n[755]="Starting Line Up";
 n[1170]="Wrestling";
 n[436]="Bean Bag Plush";
 n[230]="General";
 n[1609]="Accessories";
 30 n[437]="General";
 n[1610]="Boxes, Displays";
 n[1611]="Clothes, Costumes";
 n[1612]="Tag Protectors";
 n[1613]="Bammers, Bamm Beanos";
 35 n[1522]="General";
 n[1614]="Baseball";
 n[1615]="Football";
 n[1616]="Coca Cola Bean Bags";
 n[1617]="Disney";
 40 n[439]="General";
 n[1618]="Mickey and Minnie";
 n[1619]="Pooh and Friends";
 n[1620]="Grateful Dead";
 n[1621]="Meanies";
 45 n[1622]="Planet Plush";
 n[1623]="Ty Beanies";
 n[438]="General";
 n[1624]="Bears";
 n[1625]="Holiday, Seasonal";
 50 n[1608]="Ty Other Products";
 n[1037]="General";
 n[1036]="Attic:General";
 n[1627]="Attic:Retired";
 n[1628]="Beanie Buddies";
 55 n[1631]="Pillow Pals:Current";
 n[1633]="Pillow Pals:Retired";
 n[1634]="Plush:Current";
 n[1636]="Plush:Retired";
 n[1637]="Sports Commemorative";
 60 n[1638]="Ty Retired Beanies";
 n[440]="General";

5 n[1639]="Bears";
 n[1640]="Holiday, Seasonal";
 n[1641]="Ty Teenie Beanies";
 n[441]="General";
 n[1642]="Beanies";
 n[1643]="Pins";
 n[1653]="Ty Trading Cards";
 n[1496]="General";
 10 n[1644]="Cases";
 n[1645]="Boxes";
 n[1646]="Packs";
 n[1647]="Singles, Sets";
 n[781]="Warner Bros";
 n[222]="Diecast";
 15 n[223]="General";
 n[757]="Corgi";
 n[782]="Danbury Mint";
 n[1038]="Dinky";
 n[758]="Ertl";
 20 n[759]="Franklin Mint";
 n[1171]="HotWheels";
 n[224]="General";
 n[1172]="Red Line";
 n[760]="Johnny Lightning";
 25 n[1173]="Lledo";
 n[1174]="Matchbox";
 n[761]="General";
 n[1175]="Lesney";
 n[762]="Nascar";
 30 n[225]="General";
 n[763]="Action/Revell";
 n[764]="Racing Champions";
 n[765]="Winners Circle";
 n[766]="NHRA";
 35 n[767]="Fast Food";
 n[231]="General";
 n[768]="McDonalds";
 n[769]="Burger King";
 n[770]="Wendys";
 40 n[374]="Fisher Price";
 n[233]="Games";
 n[234]="General";
 n[1176]="Board Games";
 n[235]="General";
 45 n[1177]="Horror/Monster";
 n[1178]="Movie/TV";
 n[1179]="Space";
 n[1180]="Sports";
 n[1181]="War Games";
 50 n[1182]="Electronic";
 n[1183]="Role Playing";
 n[1184]="Vintage";
 n[1082]="Electronic Pets";
 n[232]="General";
 55 n[1083]="Furby";
 n[1084]="Tamagotchi";
 n[1199]="Hobbies";
 n[1039]="General";
 n[1200]="Remote Control";
 60 n[771]="Marbles";
 n[236]="Contemporary";

5 n[772]="Vintage";
 n[1040]="Modern";
 n[221]="General";
 n[1185]="Battery Operated";
 n[1041]="Windup";
 n[1042]="Vehicles";
 n[1186]="Lego";
 n[4318]="Meccano";
 10 n[1187]="Space Toys";
 n[375]="My Little Pony";
 n[773]="Peanuts Gang";
 n[1188]="Plastic Models";
 n[774]="General";
 n[1189]="Air";
 15 n[1190]="Automotive";
 n[1191]="Military";
 n[1192]="Monster";
 n[1193]="Science Fiction";
 n[1194]="Space";
 20 n[226]="Plush";
 n[227]="General";
 n[775]="Bears";
 n[228]="Care Bears";
 25 n[1195]="Garfield";
 n[1524]="Pokemon";
 n[776]="Slot Cars";
 n[756]="Teletubbies";
 n[1196]="Toy Rings";
 n[2005]="Toy Soldiers";
 30 n[1197]="Wooden";
 n[735]="Vintage Tin";
 n[736]="General";
 n[229]="Wind-up";
 n[737]="Friction";
 35 n[738]="Vintage Vehicles";
 n[739]="General";
 n[740]="Construction";
 n[741]="Farm Toys";
 n[742]="Motorcycles";
 40 n[743]="Pressed Steel";
 n[744]="Rubber";
 n[745]="Slush";
 n[717]="Vintage";
 n[30]="General";
 45 n[718]="Animal Drawn";
 n[719]="Battery Operated";
 n[720]="Cap Guns";
 n[721]="Cast Iron";
 n[722]="Celluloid";
 50 n[723]="Character";
 n[724]="Erector Sets";
 n[725]="Paper Toys";
 n[726]="Pedal Cars";
 n[727]="Play Sets";
 55 n[728]="Pull Toys";
 n[729]="Puppets";
 n[730]="Puzzles";
 n[731]="Ramp Walkers";
 n[732]="Ride ons";
 60 n[733]="Space Toys";
 n[1198]="Toy Parts";

5 n[734]="Toy Soldiers";
 n[99]="Miscellaneous";
 n[324]="General";
 n[319]="Adult Only";
 n[320]="General";
 n[1604]="Animation";
 n[882]="Art: Nude";
 n[1605]="Autographs";
 n[379]="Books";
 10 n[322]="CD";
 n[1273]="DVD";
 n[1274]="Laserdisc";
 n[613]="Magazines";
 n[323]="Photographic";
 15 n[558]="Pin Ups";
 n[923]="Postcards";
 n[1606]="Trading Cards";
 n[321]="Video";
 n[2190]="Automotive";
 20 n[2191]="Collector Vehicles";
 n[2192]="General";
 n[2193]="Accessories";
 n[2030]="Collector Cars";
 n[2031]="Parts";
 25 n[1254]="General Vehicles";
 n[292]="General";
 n[1255]="Accessories";
 n[1258]="Cars";
 n[1256]="Parts";
 30 n[1260]="RV's";
 n[1259]="Trucks";
 n[422]="Motorcycles";
 n[424]="General";
 n[4322]="British & European";
 35 n[425]="Harley Davidson";
 n[467]="Japanese";
 n[1261]="Baby Items";
 n[302]="Business, Office";
 n[311]="Clothing";
 40 n[312]="General";
 n[1059]="Men";
 n[313]="General";
 n[1060]="Accessories";
 n[1061]="Big and Tall";
 45 n[1262]="Boots, Shoes";
 n[1062]="Women";
 n[314]="General";
 n[1063]="Accessories";
 n[1263]="Evening Wear";
 50 n[1264]="Maternity";
 n[1064]="Plus Sizes";
 n[1065]="Shoes";
 n[1265]="Wedding";
 n[1066]="Children";
 55 n[315]="General";
 n[1067]="Boys";
 n[1068]="Girls";
 n[1069]="Toddler";
 n[1070]="Infant";
 60 n[1048]="Equestrian Equipment";
 n[1266]="Equipment";

5 n[1267]="General";
 n[1268]="Construction";
 n[1269]="Farm";
 n[1270]="Industrial";
 n[1271]="Restaurant";
 n[1272]="Shop";
 n[1275]="Foodstuff";
 n[2032]="Garden Items";
 10 n[519]="General";
 n[2034]="Garden Accessories";
 n[1509]="Plants/Seeds";
 n[2033]="General";
 n[1511]="Flowers";
 15 n[1510]="Indoor Plants";
 n[1512]="Vegetables";
 n[2035]="Publications";
 n[1276]="Hardware Supplies";
 n[299]="Household";
 20 n[300]="General";
 n[1277]="Beauty";
 n[1278]="Fitness";
 n[1279]="Health";
 n[1280]="Home Furnishings";
 25 n[1281]="Pet Supplies";
 n[301]="General";
 n[1282]="Bathroom Accessories";
 n[1283]="Canine";
 n[1284]="Feline";
 30 n[1285]="Reptile";
 n[1286]="Rodent";
 n[1523]="Metaphysical";
 n[619]="Musical Instruments";
 n[308]="General";
 35 n[620]="Brass";
 n[1287]="Electronic";
 n[1288]="Equipment";
 n[621]="Guitars";
 n[1289]="Keyboard, Piano";
 40 n[622]="Percussion";
 n[623]="String";
 n[624]="Woodwind";
 n[1607]="Real Estate";
 n[316]="Services";
 45 n[317]="General";
 n[318]="Information Services";
 n[1290]="Shipping";
 n[1304]="Show Supplies";
 n[382]="Sporting Goods";
 50 n[310]="General";
 n[1291]="Archery";
 n[2022]="Baseball";
 n[2023]="Basketball";
 n[2904]="Bicycles";
 55 n[1292]="Billiards";
 n[1293]="Boating";
 n[1294]="General";
 n[1295]="Jet Ski";
 n[1296]="Power";
 60 n[1297]="Sail";
 n[2020]="Camping";
 n[2907]="Darts";

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n[1521]="Exercise Equipment";
n[1492]="Fishing";
n[384]="General";
n[1493]="Lures";
5 n[1494]="Reels";
n[1495]="Rods";
n[2024]="Football";
n[1513]="Golf";
n[630]="General";
10 n[1514]="Accessories";
n[1515]="Drivers/Woods";
n[1516]="Golf Balls";
n[1517]="Irons";
n[1518]="Putters";
15 n[1519]="Sets";
n[1520]="Wedges";
n[2021]="Hiking";
n[383]="Hunting";
n[1299]="Rock Climbing";
20 n[2912]="Rugby";
n[1300]="Scuba";
n[1301]="Skating";
n[1302]="Skiing";
n[1303]="Snow Boarding";
25 n[2914]="Soccer";
n[2916]="Surfing";
n[2917]="Tennis";
n[1305]="Tickets";
n[1306]="General";
30 n[1307]="Concert";
n[1308]="Sporting Events";
n[1309]="Theatre";
n[631]="Tools";
n[303]="Hand";
35 n[632]="Power";
n[633]="Industrial";
n[1310]="Travel";
c[353]=new
40 Array(12,355,1207,2194,2195,2203,2207,1208,357,1209,2205,1210,12
11,359,1217,360,4300,361,2218,1218,1219,1220);
c[2195]=new Array(356,2197,2196,2198,2200,2201,2202);
c[2207]=new Array(2204,4171,4170,4173,4172);
c[1211]=new Array(358,4175,1212,1213,4176,1214,1215,1216);
c[2218]=new Array(362,2222,2219,2220,2221,2225,2223,2224);
45 c[1220]=new Array(364,1221);
c[266]=new Array(267,607,380,304);
c[267]=new
Array(268,1092,1093,1105,270,2231,2233,274,1135,1134,269,1136);
50 c[1093]=new
Array(279,2226,1094,1095,1096,1097,2227,1099,1100,1101,1098,1102
,1103,1104);
c[1105]=new
Array(2228,1106,1107,1108,1109,1110,1111,1112,1113,1114,1115,202
6);
55 c[270]=new
Array(377,271,2229,1116,1117,1118,272,2230,325,273,1119);
c[2231]=new Array(1120,2232);
c[274]=new
Array(378,1121,277,278,276,2234,1122,1123,1124,1125,1126,2235,11
60 27,2236,2237,1128,1129,1130,2238,1131,2239,275,2240,1132,1133);

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c[607]=new
Array(280,608,1137,2241,616,2242,609,1138,2243,1139,1140,1141,11
42,1143,610,2244,1144,611,1145,2245,2246,612,1146,1147,1148,614,
1149,1150,1160,615);
5 c[380]=new
Array(1151,2286,2287,2288,1508,4340,1477,1478,1476,381);
c[1151]=new
Array(309,1161,2274,1162,1163,1164,1165,1166,2275,2276,2277,1470
10 ,1471,4180,2278,2279,1472,2280,1473,1474,1475,2282,2281,2283,228
4,2285);
c[2288]=new
Array(617,2289,2290,2291,2292,2293,2294,2295,2296,2297,2298,4179
,2299,2301,2300,2302,2303,2304,2305,2306,2307,2308,2309,2310,417
15 8);
c[4340]=new Array(4341,4345,4346,4348,4352);
c[304]=new Array(305,1049,1071,1603);
c[1049]=new
Array(307,2027,1559,1050,2247,1051,1560,1052,1561,1562,2248,1053
,3362,1563,2249,2250,1564,1056,1565,1566,1567,2251,1568,1057,225
20 2,1570,2253,1569,1571,1054,1572,1573,1055,1574,1575,1058,1576,22
54,1577,1578,1579);
c[1071]=new
Array(306,2265,2266,2028,1580,1072,2255,1073,2256,2257,1074,1581
,1582,2258,1075,3366,1583,2259,2260,1584,1078,1585,1586,1587,226
25 1,1588,1079,1080,2262,1590,2263,1589,1591,1076,1592,1593,1077,15
94,1595,1081,1596,2264,1597,1598,1599);
c[1603]=new Array(618,1601,1600,2267,1602);
c[866]=new Array(252,259,260,704);
c[252]=new Array(3368,256,3394,253);
30 c[3368]=new Array(3376,3375,4478,3372,3369,3373,3371,3370,3374);
c[256]=new
Array(257,532,533,534,535,536,537,538,539,540,541,542,543,544,54
5,546,547,385,258,548,549);
c[3394]=new
35 Array(3404,3396,3403,3398,3400,3399,3410,4397,3406,4477,3407,340
5,4398,3402,3408,3397,3409,3401);
c[253]=new
Array(786,254,255,525,528,529,376,867,523,524,527,522,526,520,53
40 0,521,531);
c[260]=new Array(261,352,3468,3499);
c[261]=new
Array(262,675,676,678,679,680,681,682,683,684,685,686,687,688,68
9,690,691,265);
c[352]=new
45 Array(264,692,693,263,694,695,696,697,698,699,700,701,702,703);
c[3468]=new Array(3467,3469,3470,3471,3472,3473,3474,3475,3476);
c[3499]=new
Array(3498,3504,3503,3513,3502,3510,3507,3506,3501,3509,3508,350
50 5,3500,3511);
c[704]=new Array;c[704][0]=705;
c[1]=new
Array(34,1335,1529,1344,555,550,49,884,887,3265,386,394,889,562,
388,898,791,2016,397,3944,1353,63,109,120,98,1365,137,4036,4037,
128,4038,792,4042,4043,3547,402,1400,576,2000,907,795,3628,81,14
55 01,1404,581,3557,1409,476,1412,4065,195,1430,134,4072,4082,3632,
984,713,4083,4085,373,124,4097,1442,407,2036,928,4100,4108,1443,
931,1446,4115,412,152,1451,3637,1460,592,985,3638,940,593,4121,8
68,479,1444,417,1464,597,110,113,1466,987,4162,966,159);
c[34]=new
60 Array(35,805,1313,1321,871,872,1322,796,43,797,865,817,798,820,8

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26,1525,827,3885,1526,875,39,3893,1527,799,3894,800,845,849,1333
,840,804,876,36,878,879,801,863,803,880,858,802);
c[805]=new Array(806,807,808,809,810,3865,811,812,813,1312);
c[1313]=new
5 Array(1314,3872,1315,1316,1317,3871,1318,1319,4400,3874,1320);
c[872]=new Array(873,874);
c[43]=new Array(44,3880,45,814,3879,815,4266,816);
c[817]=new Array(818,819,3881);
c[820]=new Array(821,4595,4372,824,4270,822,823,825,3882,3883);
10 c[827]=new Array(828,830,3884,831,829);
c[39]=new
Array(40,3888,1328,41,839,1329,1330,864,832,833,834,835,42,836,8
37,1331,838,1332);
c[845]=new Array(846,3895,847,848);
15 c[849]=new Array(850,851);
c[840]=new Array(841,842,843,844);
c[36]=new Array(37,852,853,38,877,1334,854,855,3897,856,857);
c[858]=new Array(859,860,861,862);
c[1335]=new
20 Array(1336,1337,1338,3230,1339,1340,1528,3898,1341,1342,3238,134
3);[1529]=new Array(1530,1531,1532,1533);
c[1344]=new Array(363,1534,1345,1535,1536,1537);
c[555]=new Array(47,777,1086,556,881,557,559,560,561,3899);
c[550]=new Array(551,552,553,554);
25 c[49]=new Array(50,57,3900,883,3901,62);
c[57]=new Array(58,59,1346,60,61);
c[884]=new Array(149,885,886);
c[3265]=new Array(3269,3273);
c[386]=new
30 Array(117,387,31,3902,1347,1538,3906,1539,1540,392,779,3910);
c[3902]=new Array(389,3904,3903);
c[1347]=new Array(390,3905,1348,3877);
c[3906]=new Array(391,3907,3908,3909);
c[3910]=new Array(393,3911,3912);
35 c[889]=new
Array(369,1349,890,891,892,893,894,895,896,3914,897,1350,1351);
c[562]=new Array(118,563,3915,565,566,567,568,569,3920,571,572);
c[3915]=new Array(564,3916,3917,3918,3919);
c[3920]=new Array(570,3921,3922,3923,3924,3925);
40 c[898]=new Array(573,899,3443,3512);
c[2016]=new Array(2017,3926,3927,1541,2018,2019);
c[397]=new Array(3932,3928,401,3937,3941,400);
c[3932]=new Array(1352,3933,3934,3935);
c[3928]=new Array(119,3929,3930,3931);
45 c[3937]=new Array(398,3940,3938,3939);
c[3941]=new Array(399,3942,4189,3943);
c[3944]=new Array(575,3945,3946,3947,3948,3949,3950);
c[1353]=new
50 Array(574,3951,1354,1355,1356,1357,1358,1359,1360,1361);
c[63]=new
Array(78,64,72,3952,80,3965,3953,66,3954,3957,900,3955,79,3984,6
5,3989,73);
c[3965]=new Array(3752,3966,3967,3968,3969,3970,3971);
c[66]=new Array(67,3972,69,71,70,3973,68,3974,3975);
55 c[3957]=new Array(3956,3960,3962,3964);
c[900]=new Array(77,901,902,903,3979,3980,3981,3982,3983);
c[3984]=new Array(972,3985,3986,3987);
c[3989]=new
60 Array(3988,3990,3991,3992,3993,3994,3995,3996,3997,3998,3999);
c[73]=new Array(74,3976,76,3977,75,3978);
c[120]=new Array(121,953,954,1087,1362,1363,904,1364);

```

```

c[1087]=new Array(122,1088);
c[904]=new Array(123,905,906);
c[98]=new
5 Array(100,4018,4019,97,4020,4021,4022,4023,1543,4024,4025,104,40
26,1545,103,105,1544,101,108,107,1546,4027,4028,4029,4030,106,40
31,1542);
c[1365]=new Array(370,4032,4033,1366,1547,4034,4035,1367,1368);
c[137]=new Array(1369,139);
c[1369]=new
10 Array(138,1370,1371,144,1372,1373,1374,141,1375,1376,1377,1378,1
379,1380,142,143,1381,1382,1383,145,1384);
c[139]=new
Array(140,1385,1386,1387,1388,1389,1390,1391,1392,1152,1393,1394
,1395,1396,1397,1398,1399);
15 c[4038]=new Array(396,4039,4040,4041);
c[792]=new Array(793,794);
c[402]=new Array(403,404,1548,4044,405,518,1549,1550);
c[576]=new Array(147,973,577,578,579);
c[2000]=new Array(2001,2002,2003,2004);
20 c[907]=new Array(365,1089,909,910,4045,911,912,913);
c[1089]=new Array(908,148,1090,1091);
c[81]=new Array(82,4046,4047,974,977,580,4049,982,978,983);
c[4047]=new Array(83,4048);
c[974]=new Array(975,976);
25 c[4049]=new Array(84,4051,4050);
c[978]=new Array(979,980,981);
c[1401]=new Array(475,1402,1403);
c[1404]=new Array(371,4062,4053,4057,1407,1408);
c[4053]=new Array(1405,4052,4054,4055,4056);
30 c[4057]=new Array(1406,4058,4059,4060,4061);
c[1409]=new Array(150,1410,1411);
c[1412]=new Array(582,1413);
c[4065]=new Array(4064,4066,4067,4068,4069);
c[195]=new Array(3629,208,427,196,211,431,1414,1424,778,209);
35 c[196]=new
Array(197,4263,2025,2316,198,1417,1419,1420,790,199,200);
c[431]=new
Array(210,1421,1422,432,433,2007,2008,2009,2010,2011,2012,2013,2
014,2015,447,434,435,2354,2355,445,1423,2356);
40 c[1424]=new Array(201,1425,1426,1427,1428,1429);
c[1430]=new Array(28,1431,3630,1432,3631,1433,1434,1435,1436);
c[134]=new Array(135,4070,583,585,1552,136,587,584,586,588);
c[4072]=new
Array(4071,4373,4074,4075,4076,4077,4078,4079,4080,4081);
45 c[4373]=new Array(4073,4374,4375);
c[713]=new Array(372,714,715,716);
c[4085]=new Array(4084,4086,4087,3636);
c[124]=new
Array(125,4089,4090,4091,4092,126,3633,477,1437,1439,1438,914,14
50 40);
c[914]=new
Array(127,3634,915,916,4093,917,918,919,920,921,4095,3635,922,40
94,924,925,926,927,4096);
c[4097]=new Array(151,4098,4099);
55 c[407]=new Array(48,408,409,1507,410,411);
c[928]=new Array(395,930,929);
c[4100]=new Array(367,4101,4102,4104,4103,4105,4106);
c[4108]=new Array(4107,4109,4110,4113,4112,4111,4114);
c[931]=new Array(132,932,933,934);
60 c[1446]=new Array(366,1447,1448,4280,1449);
c[412]=new Array(413,414,415,416);

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c[152]=new Array(153,785,1450,591,154,155,156);
c[1451]=new Array(157,1452,1453,1454,1455,1456,1457,1458,1459);
c[940]=new
5 Array(33,941,942,943,4116,944,945,946,947,948,949,3639,950);
c[593]=new Array(133,594,986,951,4117,4118,4120);
c[951]=new Array(595,952);
c[4118]=new Array(596,4119);
c[4121]=new Array(1461,4122,4123);
c[868]=new Array(668,1462,478,218,219,1463,669);
10 c[669]=new Array(3737,670,671,672,673);
c[479]=new Array(131,480,1556,4283,4144,1557,1558,482,483);
c[4283]=new Array;c[4283][0]=4282;
c[4144]=new Array(481,4145,4146,4147,4148);
c[483]=new Array(4149,484,486,485,487);
15 c[1444]=new Array(130,4125,4131);
c[4125]=new Array(4124,4126,4127,4128,4129,4130);
c[4131]=new Array(1445,4132,4133,4134,4135,4136,4137);
c[417]=new Array(4150,418,419,420,4151,421,423,4152);
c[597]=new Array(598,599,4153,600,601,602,4155);
20 c[110]=new Array(111,956);
c[956]=new Array(112,957,958,4156,959,960,961,962,963,964,965);
c[113]=new Array(114,115,605,4157,1465,116);
c[4157]=new Array(606,4159,4158,4160,4161);
c[1466]=new Array(515,1467,1468,1469);
25 c[4162]=new Array(426,4163,4164,4165,4166,4167,4168,4169);
c[966]=new Array(158,967,968,969,970,971);
c[160]=new Array(1085,161,181,192);
c[161]=new
30 Array(162,163,164,165,170,171,1479,1480,173,174,1244,175,176,177
,1245,179,1484,1485,1486,180,1247);
c[165]=new Array(166,167,168,169);
c[1480]=new Array(172,1481,1482);
c[1245]=new Array(178,1246,1483);
c[181]=new
35 Array(182,183,184,1248,185,186,1249,1654,188,189,1251,1252,1505)
;
c[1249]=new Array(187,1250,1487,1488,1489,1490);
c[1654]=new Array;c[1654][0]=1655;
c[1505]=new Array(191,1506);
40 c[192]=new Array(193,1253,194);
c[1253]=new Array(1491,1311);
c[237]=new Array(238,244,247);
c[238]=new
45 Array(239,326,327,328,329,330,1032,1201,332,1202,334,240,335,336
,337,368,1205,338,4380);
c[326]=new Array(32,340,341);
c[328]=new Array(339,241);
c[329]=new Array(342,343);
c[1032]=new Array(331,1033);
50 c[1202]=new Array(333,1203);
c[336]=new Array(344,243,1034,1204,2439,242);
c[338]=new Array(1035,345,346,347);
c[4380]=new Array;c[4380][0]=4379;
c[244]=new Array(245,1206);
55 c[247]=new Array(248,249,250,251);
c[281]=new Array(488,491,283);
c[488]=new Array(489,490);
c[491]=new Array(282,492,493,494,495);
c[283]=new
60 Array(284,288,496,287,499,500,505,506,510,514,291,290);
c[496]=new Array(497,498,516);

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```

c[500]=new Array(289,501,502,503,504);
c[506]=new Array(286,507,508,509);
c[510]=new Array(285,511,512,513);
c[1047]=new Array(293,625,298);
5 c[293]=new Array(294,1497,1500,1503,1504);
c[1497]=new Array(295,1498,1499);
c[1500]=new Array(296,1501,1502);
c[625]=new
10 Array(297,706,707,708,709,710,627,626,628,629,711,712);
c[870]=new Array(13,27,24);
c[13]=new
Array(14,955,16,996,1002,1010,1011,22,1020,21,1019,18,1229,20,12
30,1031,19);
15 c[955]=new Array(15,988,989,990,991,992,993,994,995);
c[996]=new Array(997,998,2685,999,1000,1001);
c[1002]=new Array(17,1003,1004,1005,1006,1007,1008,1009);
c[1011]=new Array(1012,1013,1014,1015,1016,1017,1018);
c[1020]=new
20 Array(23,1021,1022,1023,1024,1025,1026,1027,1028,1029,1030);
c[27]=new
Array(86,2751,442,4386,1231,1043,1232,443,2755,783,784,2761,444,
1044,473,87,448,449,450,589,1233,451,452,453,89,454,1234,1235,12
36,1237,455,90,96,456,457,1045,91,2789,458,459,517,1238,1239,279
2,1240,460,461,590,1046);
25 c[24]=new
Array(25,462,463,464,26,474,1241,466,88,468,92,2805,1242,2810,93
,94,469,470,1243,95,471,2817,2818,2819,472);
c[888]=new Array(51,202,212,1222);
c[51]=new Array(52,53,54,55,1223,56,1224,1225,2841,1226);
30 c[202]=new
Array(203,2846,204,205,1227,2853,2856,206,428,2867,780,429,465,1
228,207,788,4396,2876,2880,2881,2883,2885,2895,430);
c[212]=new Array(634,644,651,658,217,665,2971);
c[634]=new Array(213,635,636,637,638,639,641,642,643);
35 c[644]=new Array(214,645,646,647,648,649,650);
c[644]=new Array(214,645,646,647,648,649,650);
c[651]=new Array(215,652,653,654,655,656,657);
c[658]=new Array(216,659,660,661,662,663,664);
c[665]=new Array(666,667);
c[2971]=new Array;c[2971][0]=2970;
40 c[220]=new
Array(246,436,222,767,374,233,1082,1199,771,1040,375,773,1188,22
6,1524,776,756,1196,2005,1197,735,738,717);
c[246]=new
Array(348,4299,746,1167,747,1169,748,749,750,751,752,753,754);
45 c[1167]=new Array(349,1168);
c[754]=new Array(350,755,1170);
c[436]=new
Array(230,1609,1613,1616,1617,1620,1621,1622,1623,1608,1638,1641
,1653,781);
50 c[1609]=new Array(437,1610,1611,1612);
c[1613]=new Array(1522,1614,1615);
c[1617]=new Array(439,1618,1619);
c[1623]=new Array(438,1624,1625);
c[1608]=new Array(1037,1036,1627,1628,1631,1633,1634,1636,1637);
55 c[1638]=new Array(440,1639,1640);
c[1641]=new Array(441,1642,1643);
c[1653]=new Array(1496,1644,1645,1646,1647);
c[222]=new
Array(223,757,782,1038,758,759,1171,760,1173,1174,762,766);
60 c[1171]=new Array(224,1172);
c[1174]=new Array(761,1175);

```

```

c[762]=new Array(225,763,764,765);
c[767]=new Array(231,768,769,770);
c[233]=new Array(234,1176,1182,1183,1184);
c[1176]=new Array(235,1177,1178,1179,1180,1181);
5 c[1082]=new Array(232,1083,1084);
c[1199]=new Array(1039,1200);
c[771]=new Array(236,772);
c[1040]=new Array(221,1185,1041,1042,1186,4318,1187);
c[1188]=new Array(774,1189,1190,1191,1192,1193,1194);
10 c[226]=new Array(227,775,228,1195);
c[735]=new Array(736,229,737);
c[738]=new Array(739,740,741,742,743,744,745);
c[717]=new
15 Array(30,718,719,720,721,722,723,724,725,726,727,728,729,730,731
,732,733,1198,734);
c[99]=new
Array(324,319,2190,1261,302,311,1048,1266,1275,2032,1276,299,152
3,619,1607,316,1304,382,1305,631,1310);
c[319]=new
20 Array(320,1604,882,1605,379,322,1273,1274,613,323,558,923,1606,3
21);
c[2190]=new Array(2191,1254,422);
c[2191]=new Array(2192,2193,2030,2031);
c[1254]=new Array(292,1255,1258,1256,1260,1259);
25 c[422]=new Array(424,4322,425,467);
c[311]=new Array(312,1059,1062,1066);
c[1059]=new Array(313,1060,1061,1262);
c[1062]=new Array(314,1063,1263,1264,1064,1065,1265);
c[1066]=new Array(315,1067,1068,1069,1070);
30 c[1266]=new Array(1267,1268,1269,1270,1271,1272);
c[2032]=new Array(519,2034,1509,2035);
c[1509]=new Array(2033,1511,1510,1512);
c[299]=new Array(300,1277,1278,1279,1280,1281);
c[1281]=new Array(301,1282,1283,1284,1285,1286);
35 c[619]=new Array(308,620,1287,1288,621,1289,622,623,624);
c[316]=new Array(317,318,1290);
c[382]=new
Array(310,1291,2022,2023,2904,1292,1293,2020,2907,1521,1492,2024
,1513,2021,383,1299,2912,1300,1301,1302,1303,2914,2916,2917);
40 c[1293]=new Array(1294,1295,1296,1297);
c[1492]=new Array(384,1493,1494,1495);
c[1513]=new Array(630,1514,1515,1516,1517,1518,1519,1520);
c[1305]=new Array(1306,1307,1308,1309);
c[631]=new Array(303,632,633);
45 c[0]=new Array(353,266,866,1,160,237,281,1047,870,888,220,99);
function initMenu(Id)
{
    var CatIdArray = new Array;
    var ChosenCatIdArray = new Array;
50
    var CategoryId;
    var chosenCategory;
    var numChildren;
    var CatId;
55
    var CatName;
    var level;
    var index;
    var i;
    var j;
60

    // make sure the CategoryId is valid

```

```

if (n[Id] == null)
{
    changeMenu(-1);
    return;
}

// initilize
CategoryId = Id;

// category leaf-level = 0
level = 0;

// loop through category list until reaching c[0]
while (CategoryId != 0 && level < 4)
{
    ChosenCatIdArray[level] = CategoryId;

outerloop:
    for (i = 0; i < c.length; i++)
    {
        if (c[i] == null)
            continue;

        for (j = 0; j < c[i].length; j++)
        {
            if (c[i][j] == CategoryId)
            {
                CategoryId = i;
                CatIdArray[level] = CategoryId;
                break outerloop;
            }
        }

        level++;
    }

    // if can't reach the top-level of categories, return
    if (CategoryId != 0)
    {
        changeMenu(-1);
        return;
    }

    // reverse the array, so category root-level = 0
    CatIdArray.reverse();
    ChosenCatIdArray.reverse();

    // display categories
    for (index = 0 ; index < CatIdArray.length; index++)
    {
        CatMenu[index].length = 0;

        chosenCategory = CatIdArray[index];
        numChildren = c[chosenCategory].length;

        for (i = 0; i < numChildren; i++)
        {
            CatId = c[chosenCategory][i];
            CatName = (c[CatId]==null) ? n[CatId] : n[CatId]+ " ->";

```

```

        CatMenu[index].options[i] = new Option(CatName, CatId);

        if (CatId == ChosenCatIdArray[index])
            CatMenu[index].options[i].selected = true;
5      }

        CatMenu[index].length = numChildren;

        // add a blank entry to the end of columns
10      if (index > 0)
            CatMenu[index].options[numChildren] = new Option("-----
            -----");
        }

        // clear out rest of the empty menus, if there are some
15      for (i = index; i < CatMenu.length; i++)
        {
            CatMenu[i].length = 0;
            CatMenu[i].options[0] = new Option("-----
20      -----");
        }
    }

25  function changeMenu(cm)
    {
        var chosenCategory;
        var numChildren;
        var CatId;
30      var CatName;
        var i;

        // make sure user didn't click on an empty box
        if ((cm != -1) && (CatMenu[cm].length < 1))
35      return;

        // get the chosen category from this CatMenu
        if (cm == -1)
            chosenCategory = 0;
40      else
        {
            if (CatMenu[cm].selectedIndex == -1)
                return;
            chosenCategory =
45      CatMenu[cm].options[CatMenu[cm].selectedIndex].value;
        }

        // if no children, then user is done;
        if (c[chosenCategory]==null)
50      {
            document.ListItemForSale.Category1.value = chosenCategory;
            numChildren = 0;
        }
        else
55      {
            if (cm != -1)
            {
                if (document.ListItemForSale.name !=
"ChangePreferencesShow")
60      document.ListItemForSale.Category1.value = "";
            }
            else

```

```

        document.ListItemForSale.Category1.value =
chosenCategory;
    }
    numChildren = c[chosenCategory].length;
5    }

    // fill up the next based on the chosenCategory
    if ((cm+1) < CatMenu.length)
    {
10        for (i = 0; i < numChildren; i++)
        {
            CatId = c[chosenCategory][i];
            CatName = (c[CatId]==null) ? n[CatId] : n[CatId]+ " ->";
            CatMenu[cm+1].options[i] = new Option(CatName, CatId);
15        }
        CatMenu[cm+1].length = numChildren;
    }

    // clear out all menus to the right of this menu
20    for (i = cm+2; i < CatMenu.length; i++)
    {
        CatMenu[i].length = 0;
    }

25    // add a blank entry to the end of each columnn that was
    affected
    for (i = cm+1; i < CatMenu.length; i++)
    {
30        if (i)
            CatMenu[i].options[CatMenu[i].length] = new Option("-----
            -----");
        }
    }

    // This JS comment is also at the end of the HTML comment above
35    -->
</script>
<br>
<TABLE BORDER="1" CELLPADDING="0" CELLSPACING="0"><TR><TD>
<TABLE BORDER="0" CELLPADDING="3" CELLSPACING="0" width="100%">
40    <TR bgcolor="#efefef">
        <TD COLSPAN = 4>
            <FONT SIZE="3"><b>Category</b> <font size="2"
            color="#006600">required</font></FONT>&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;<font size="2">You have chosen category #
            <INPUT
45    NAME=Category1 TYPE=Text SIZE=5 value=""
            onChange="initMenu(document.ListItemForSale.Category1.value);"></INPUT><br>
            <br>Just click in the boxes below from left to right until you
            have found the appropriate category for your item.<br>The chosen
50    category number will appear in the small box to indicate that
            you have made a valid selection.<br>        </TD>
        </TR>
    </TABLE>
    <TABLE BORDER = 0 CELLPADDING = 3 CELLSPACING = 0>
55    <TR>
        <TD ALIGN = LEFT>
            <SELECT NAME="CatMenu_0" size="12"
            onClick="changeMenu(0);" onChange="changeMenu(0);">
                <OPTION>-----</OPTION>
60    </SELECT>
        </TD>

```

```

5      <TD>
        <SELECT NAME="CatMenu_1" size="12"
onClick="changeMenu(1);" onChange="changeMenu(1);">
          <OPTION>-----</OPTION>
        </SELECT>
      </TD>
      <TD>
        <SELECT NAME="CatMenu_2" size="12"
onClick="changeMenu(2);" onChange="changeMenu(2);">
10      <OPTION>-----</OPTION>
        </SELECT>
      </TD>
      <TD>
        <SELECT NAME="CatMenu_3" size="12"
onClick="changeMenu(3);" onChange="changeMenu(3);">
15      <OPTION>-----</OPTION>
        </SELECT>
      </TD>
    </TR>
20  </TABLE>
    </TD></TR></TABLE>

```

According to one embodiment of the present invention, items being the object of an online auction are classified in categories and subcategories. As illustrated in Figure 6a, each category is stored in a field 610 of a table 620 residing in database 318. Similarly, each subcategory resides in a different field 610 in the same database 318. The server application 312 accesses the table 620 in database 318 to retrieve and send stored category and subcategory information to the client application 332. As shown in Figure 6b, each field 610 of one category or subcategory separately stores a category number or numeric I.D. of the category or subcategory, a name of the category or subcategory, a numeric I.D. of the parent category or subcategory, and two numeric I.D.s of categories or subcategories stored in adjacent fields.

In one embodiment, the client browser 336 receives the category and subcategory information and displays the information hierarchically in graphically distinct areas, as shown in Figure 7. Each category is displayed in a category field 710. The category field 710 is a page mark-up language document and contains multiple categories, arranged in alphabetical order. In one embodiment, the category field 710 contains twelve categories. Alternatively, other categories may be included within the category field 710. Subcategories are displayed in several subcategory fields. A first subcategory

field 720, a page mark-up language document similar to the category field, is adjacent to category field 710 and contains subcategories of each category displayed in field 710. In one embodiment, the number of subcategories is different for each displayed category. A second subcategory field 730 contains subcategories of each subcategory displayed in field 720. A third subcategory field 740 contains subcategories of each subcategory displayed in field 730. A category number associated with each category and its respective subcategories is also displayed by the browser 336. The category number enables the user to select the associated category and subcategories without going through the entire selection process as shown in detail below.

The category selection process is implemented using the client browser 336 and the server application 312. In one embodiment, the client browser 336 and the server application 312 operate for facilitating category selection by the user as shown in Figures 4 and 5 and described in further detail below.

Figure 4 shows a flowchart representing the process of selecting an item category in an online auction from a user's perspective. Referring to Figure 4, in one embodiment, the client browser 336 within the client application 332 receives category hierarchy data from the server application 312 at step 405. The category hierarchy data includes category and subcategory information. Using the category data, the client browser 336 performs the category selection process as follows. Once the user is ready to select an item category, at step 410, a decision is made whether a category number is available to the user. If the user has previously selected the same category and subcategories and has stored the category number associated with the category and the respective subcategories, the user enters the category number at step 420. As a result, based on the category number, the respective category and related subcategories are selected and displayed by the client browser 336 in the respective fields.

If the category number or numeric I.D. is not available, then, at step 430, the user selects a category from a list of available categories displayed in an

interactive category area. Next, the client browser 336 performs a test whether the selected category has related subcategories at step 440. If the selected category has no related subcategories, then the user has the option to record the category number of the selected category at step 445 and may proceed further with the item registration process. Alternatively, if related subcategories exist, the user selects a subcategory from a list of available subcategories related to the selected category at step 450. The list of available subcategories is displayed in an interactive area adjacent to the category area. A test whether the subcategory has no further related subcategories is performed by the client browser at step 460. If no further related subcategories exist, then the user may record the category number of the selected combination of category and subcategory at step 470 and proceed further with the item registration process. Otherwise, if further subcategories related to the selected subcategory are still available, the user goes back to step 450 and repeats the subcategory selection process. The embodiment described above allows the client browser 336 to perform the category selection process using category data and Javascript code supplied by the server application 312. Alternatively, the server application 312 may interact with the user during the selection process and may perform other functions as described in further detail below.

Figure 5 shows a flowchart representing an alternate embodiment of the process of selecting an item category in an online auction from the server's perspective. Referring to Figure 5, a decision is made at step 510 whether a category number is available to the user. If the user has previously accessed the auction and has selected the same item category and subcategories, and a category number is available, then the server application 312 receives the category number at step 520. The server application 312 accesses the user database 318 and retrieves at step 530 the category information corresponding to the category number, as well as any related subcategories. The server application 312 subsequently forwards the information to the client application 332 and the category and subcategories are displayed for the user at step 535.

If the category number is not available, then the server application 312 receives a category selection from the client application 332 at step 540. At step 550, a test whether the category has any subcategories is performed. The server application 312 accesses the database 318 and determines if related subcategories exist. If no subcategories exist for the selected category, the server application 312 retrieves and returns the category number to the client application 332, the category number being displayed to the user at step 555. If the selected category has related subcategories, the server application 312 retrieves the subcategories from database 318 and forwards the information to the client application 332. The subcategories are then displayed at step 560. Once the user selects a subcategory, the server application 312 receives the subcategory selection at step 570, and subsequently accesses the database 318 at step 580 to determine if the selected subcategory has any further subcategories. If no further subcategories exist, the server application 312 retrieves and returns the category number to the client application 332, the category number being displayed to the user at step 585. Alternatively, if the selected subcategory has a new set of subcategories, steps 560 and 570 are repeated for the new set of subcategories.

Thus, a method and apparatus for facilitating user selection of item categories in an online auction has been described. Although the present invention has been described with reference to specific exemplary embodiments, it will be evident that various modifications and changes may be made to these embodiments without departing from the broader spirit and scope of the invention. Accordingly, the specification and drawings are to be regarded in an illustrative rather than a restrictive sense.

CLAIMS

What is claimed is:

1 1. A method for facilitating category selection by a user in a
2 computerized auction, comprising:
3 providing a category field containing a plurality of category entries used
4 to categorize an item in said computerized auction;
5 selecting one category entry of said plurality of category entries in said
6 category field;
7 providing at least one subcategory field containing a plurality of
8 subcategory entries used to categorize said item in said auction, said plurality
9 of subcategory entries corresponding to said one category entry of said
10 plurality of category entries; and
11 selecting at least one subcategory entry of said plurality of subcategory
12 entries corresponding to said one category entry in said at least one
13 subcategory field.

1 2. The method according to claim 1, further comprising extracting a
2 category number associated with said one category entry and said at least one
3 subcategory entry.

1 3. The method according to claim 1, wherein said category field
2 comprises twelve category entries in alphabetical order.

1 4. The method according to claim 2, further comprising
2 subsequently accessing said one category entry and said at least one
3 subcategory entry using said category number.

1 5. The method according to claim 1, wherein said providing at least
2 one subcategory field further includes providing a first subcategory field
3 containing a plurality of first subcategory entries corresponding to said one
4 category entry of said plurality of category entries; providing a second
5 subcategory field containing a plurality of second subcategory entries
6 corresponding to a selected first subcategory entry of said plurality of first
7 subcategory entries; and a third subcategory field containing a plurality of third
8 subcategory entries corresponding to a selected second subcategory entry of
9 said plurality of second subcategory entries.

1 6. The method according to claim 1, wherein said category field and
2 said at least one subcategory field are graphically distinct areas.

1 7. The method according to claim 6, wherein said at least one
2 subcategory field is substantially adjacent to said category field.

1 8. The method according to claim 6, wherein said category field and
2 said at least one subcategory field are page mark-up language documents.

1 9. A method for facilitating category selection by a user in a
2 computerized auction, comprising:
3 providing a plurality of category entries in a category field to said user;
4 receiving a category entry of said plurality of category entries selected by
5 said user;
6 providing a plurality of subcategory entries corresponding to said
7 selected category entry in at least one subcategory field to said user; and

8 receiving at least one subcategory entry of said plurality of subcategory
9 entries selected by said user.

1 10. The method according to claim 9, further comprising providing a
2 category number associated with said selected category entry and said at least
3 one selected subcategory entry to said user.

1 11. The method according to claim 9, wherein said category field
2 comprises twelve category entries in alphabetical order.

1 12. The method according to claim 10, further comprising
2 subsequently receiving said category number from said user and providing
3 said associated category entry and said at least one subcategory entry to said
4 user.

1 13. The method according to claim 9, wherein said at least one
2 subcategory field further comprises a first subcategory field containing a
3 plurality of first subcategory entries corresponding to said category entry of
4 said plurality of category entries selected by said user; a second subcategory
5 field containing a plurality of second subcategory entries corresponding to a
6 selected first subcategory entry of said plurality of first subcategory entries; and
7 a third subcategory field containing a plurality of third subcategory entries
8 corresponding to a selected second subcategory entry of said plurality of
9 second subcategory entries.

1 14. The method according to claim 9, wherein said category field and
2 said at least one subcategory field are graphically distinct areas.

1 15. The method according to claim 14, wherein said at least one
2 subcategory field is substantially adjacent to said category field.

1 16. The method according to claim 14, wherein said category field
2 and said at least one subcategory field are page mark-up language documents.

1 17. A computer readable medium containing executable instructions
2 which, when executed in a processing system, cause said system to perform a
3 method for facilitating category selection by a user in a computerized auction,
4 said method comprising:

5 providing a category field containing a plurality of category entries;

6 selecting one category entry of said plurality of category entries in said
7 category field;

8 providing at least one subcategory field containing a plurality of
9 subcategory entries, said plurality of subcategory entries corresponding to said
10 one category entry of said plurality of category entries; and

11 selecting at least one subcategory entry of said plurality of subcategory
12 entries corresponding to said one category entry in said at least one
13 subcategory field.

1 18. The computer readable medium according to claim 17, wherein
2 said method further comprises extracting a category number associated with
3 said one category entry and said each subcategory entry.

1 19. The computer readable medium according to claim 17, wherein
2 said category field comprises twelve category entries in alphabetical order.

1 20. The computer readable medium according to claim 18, wherein
2 said method further comprises subsequently accessing said one category entry
3 and said at least one subcategory entry using said category number.

1 21. The computer readable medium according to claim 17, wherein
2 said providing at least one subcategory field further includes providing a first
3 subcategory field containing a plurality of first subcategory entries
4 corresponding to said one category entry of said plurality of category entries;
5 providing a second subcategory field containing a plurality of second
6 subcategory entries corresponding to a selected first subcategory entry of said
7 plurality of first subcategory entries; and a third subcategory field containing a
8 plurality of third subcategory entries corresponding to a selected second
9 subcategory entry of said plurality of second subcategory entries.

1 22. The computer readable medium according to claim 17, wherein
2 said category field and said at least one subcategory field are graphically
3 distinct areas.

1 23. The computer readable medium according to claim 22, wherein
2 said at least one subcategory field is substantially adjacent to said category
3 field.

1 24. The computer readable medium according to claim 22, wherein
2 said category field and said at least one subcategory field are page mark-up
3 language documents.

1 25. A computer readable medium containing executable instructions
2 which, when executed in a processing system, cause said system to perform a
3 method for facilitating category selection by a user in a computerized auction,
4 said method comprising:
5 providing a plurality of category entries in a category field to said user;
6 receiving a category entry of said plurality of category entries selected by
7 said user;
8 providing a plurality of subcategory entries corresponding to said
9 selected category entry in at least one subcategory field to said user; and
10 receiving at least one subcategory entry of said plurality of subcategory
11 entries selected by said user.

1 26. The computer readable medium according to claim 25, wherein
2 said method further comprises providing a category number associated with
3 said selected category entry and said at least one selected subcategory entry to
4 said user.

1 27. The computer readable medium according to claim 25, wherein
2 said category field comprises twelve category entries in alphabetical order.

1 28. The computer readable medium according to claim 26, wherein
2 said method further comprises subsequently receiving said category number
3 from said user and providing said associated category entry and said at least
4 one subcategory entry to said user.

1 29. The computer readable medium according to claim 25, wherein
2 said at least one subcategory field further comprises a first subcategory field

3 containing a plurality of first subcategory entries corresponding to said
4 category entry of said plurality of category entries selected by said user; a
5 second subcategory field containing a plurality of second subcategory entries
6 corresponding to a selected first subcategory entry of said plurality of first
7 subcategory entries; and a third subcategory field containing a plurality of third
8 subcategory entries corresponding to a selected second subcategory entry of
9 said plurality of second subcategory entries.

1 30. The computer readable medium according to claim 25, wherein
2 said category field and said at least one subcategory field are graphically
3 distinct areas.

1 31. The computer readable medium according to claim 30, wherein
2 said at least one subcategory field is substantially adjacent to said category
3 field.

1 32. The computer readable medium according to claim 30, wherein
2 said category field and said at least one subcategory field are page mark-up
3 language documents.

1 33. An article of manufacture comprising a program storage medium
2 readable by a computer and tangibly embodying at least one program of
3 instructions executable by said computer to perform a method for facilitating
4 category selection by a user in a computerized auction, said method
5 comprising:
6 providing a category field containing a plurality of category entries;

7 selecting one category entry of said plurality of category entries in said
8 category field;
9 providing at least one subcategory field containing a plurality of
10 subcategory entries, said plurality of subcategory entries corresponding to said
11 one category entry of said plurality of category entries; and
12 selecting at least one subcategory entry of said plurality of subcategory
13 entries corresponding to said one category entry in said at least one
14 subcategory field.

1 34. The article of manufacture according to claim 33, wherein said
2 method further comprises extracting a category number associated with said
3 one category entry and said each subcategory entry.

1 35. The article of manufacture according to claim 33, wherein said
2 category field comprises twelve category entries in alphabetical order.

1 36. The article of manufacture according to claim 34, wherein said
2 method further comprises subsequently accessing said one category entry and
3 said at least one subcategory entry using said category number.

1 37. The article of manufacture according to claim 33, wherein said
2 providing at least one subcategory field further includes providing a first
3 subcategory field containing a plurality of first subcategory entries
4 corresponding to said one category entry of said plurality of category entries;
5 providing a second subcategory field containing a plurality of second
6 subcategory entries corresponding to a selected first subcategory entry of said
7 plurality of first subcategory entries; and a third subcategory field containing a

8 plurality of third subcategory entries corresponding to a selected second
9 subcategory entry of said plurality of second subcategory entries.

1 38. The article of manufacture according to claim 33, wherein said
2 category field and said at least one subcategory field are graphically distinct
3 areas.

1 39. The article of manufacture according to claim 38, wherein said at
2 least one subcategory field is substantially adjacent to said category field.

1 40. The article of manufacture according to claim 38, wherein said
2 category field and said at least one subcategory field are page mark-up
3 language documents.

1 41. An article of manufacture comprising a program storage medium
2 readable by a computer and tangibly embodying at least one program of
3 instructions executable by said computer to perform a method for facilitating
4 category selection by a user in a computerized auction, said method
5 comprising:

6 providing a plurality of category entries in a category field to said user;
7 receiving a category entry of said plurality of category entries selected by
8 said user;

9 providing a plurality of subcategory entries corresponding to said
10 selected category entry in at least one subcategory field to said user; and

11 receiving at least one subcategory entry of said plurality of subcategory
12 entries selected by said user.

1 42. The article of manufacture according to claim 41, wherein said
2 method further comprises providing a category number associated with
3 selected category entry and said at least one selected subcategory entry to said
4 user.

1 43. The article of manufacture according to claim 41, wherein said
2 category field comprises twelve category entries in alphabetical order.

1 44. The article of manufacture according to claim 42, wherein said
2 method further comprises subsequently receiving said category number from
3 said user and providing and associated category entry and said at least one
4 subcategory entry to said user.

1 45. The article of manufacture according to claim 41, wherein said at
2 least one subcategory field further comprises a first subcategory field
3 containing a plurality of first subcategory entries corresponding to said
4 category entry of said plurality of category entries selected by said user; a
5 second subcategory field containing a plurality of second subcategory entries
6 corresponding to a selected first subcategory entry of said plurality of first
7 subcategory entries; and a third subcategory field containing a plurality of third
8 subcategory entries corresponding to a selected second subcategory entry of
9 said plurality of second subcategory entries.

1 46. The article of manufacture according to claim 41, wherein said
2 category field and said at least one subcategory field are graphically distinct
3 areas.

1 47. The article of manufacture according to claim 46, wherein said at
2 least one subcategory field is substantially adjacent to said category field.

1 48. The article of manufacture according to claim 46, wherein said
2 category field and said at least one subcategory field are page mark-up
3 language documents.

1 49. A system for facilitating category selection by a user in a
2 computerized auction comprising:
3 a display component; and
4 a category selection component coupled to said display component for
5 providing a category field containing a plurality of category entries to said
6 display component;
7 said display component detecting selection of one category entry of said
8 plurality of category entries by said user;
9 said category selection component receiving said one category entry
10 selected by said user and providing at least one subcategory field containing a
11 plurality of subcategory entries to said display component, said plurality of
12 subcategory entries corresponding to said one category entry;
13 said display component detecting selection of at least one subcategory
14 entry of said plurality of subcategory entries by said user.

1 50. The system according to claim 49, wherein said category selection
2 component further receives said at least one subcategory entry selected by said
3 user and provides a category number associated with said one category entry
4 and said at least one subcategory entry to said display component.

1 51. The system according to claim 49, wherein said category field
2 comprises twelve category entries in alphabetical order.

1 52. The system according to claim 50, wherein said category selection
2 component subsequently receives said category number and provides said one
3 category entry and said at least one subcategory entry associated with said
4 category number to said display component.

1 53. The system according to claim 49, wherein said category field and
2 said at least one subcategory field are graphically distinct areas.

1 54. The system according to claim 53, wherein said at least one
2 subcategory field is substantially adjacent to said category field.

1 55. The system according to claim 53, wherein said category field and
2 said at least one subcategory field are page mark-up language documents.

ABSTRACT

A method and apparatus are disclosed for facilitating category selection by a user in a computerized auction. A category field is provided, containing a plurality of category entries used to categorize an item in the auction. One
5 category entry is selected in the category field and at least one subcategory field is provided, containing a plurality of subcategory entries also used to categorize the item in the auction, the subcategory entries corresponding to the one selected category entry of the plurality of category entries. At least one subcategory entry corresponding to the one selected category entry is further
10 selected in the at least one subcategory field for further processing.

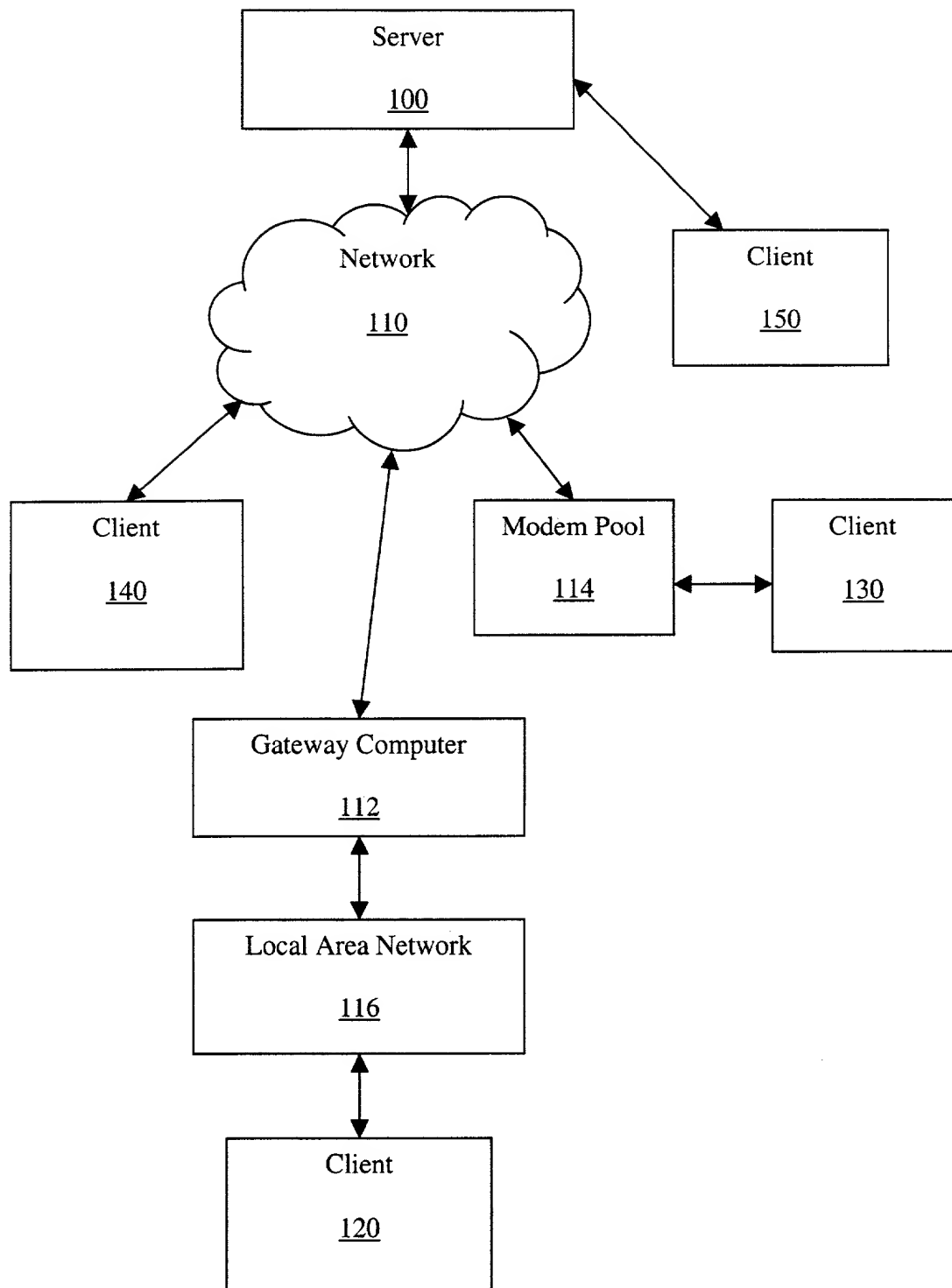


Fig. 1

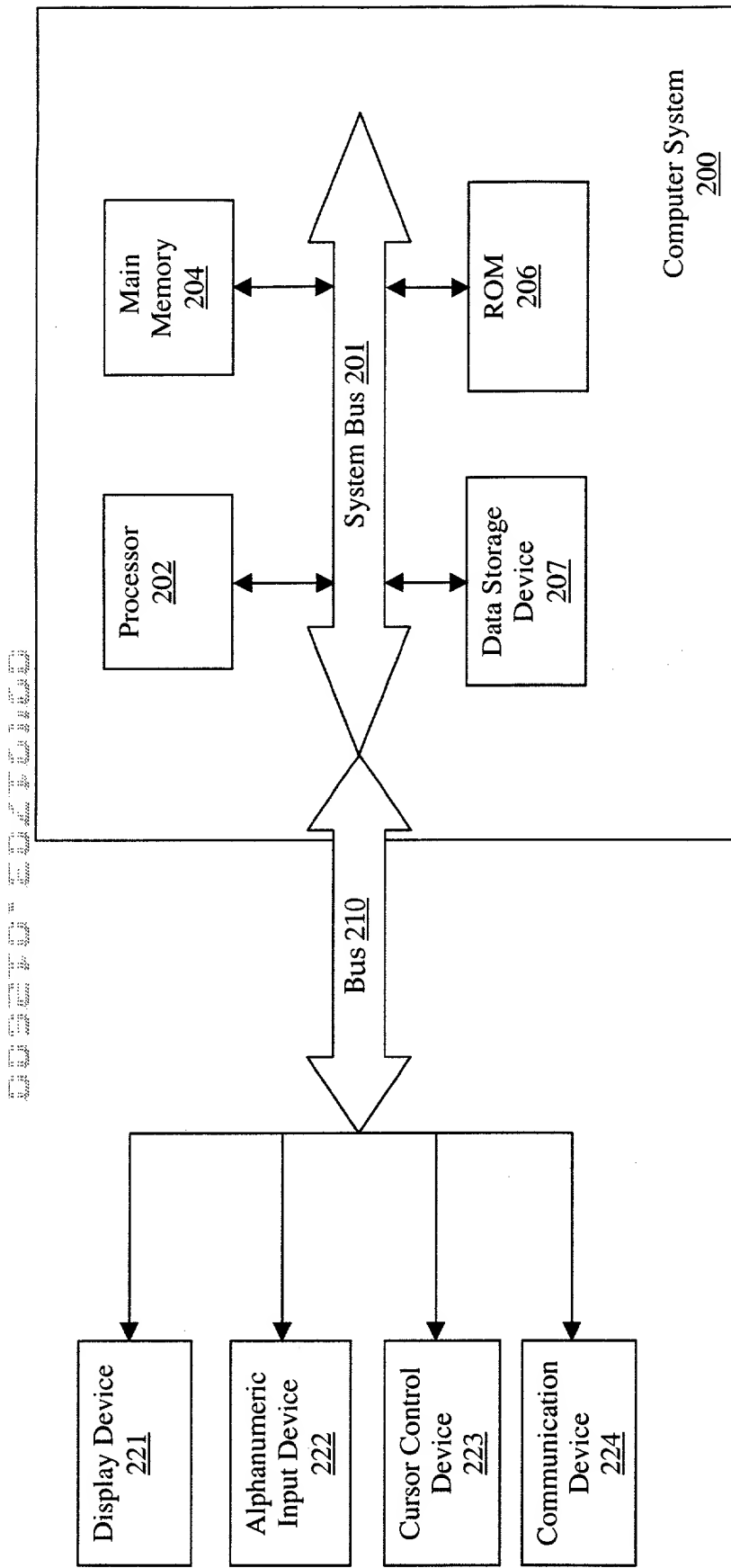


Fig. 2

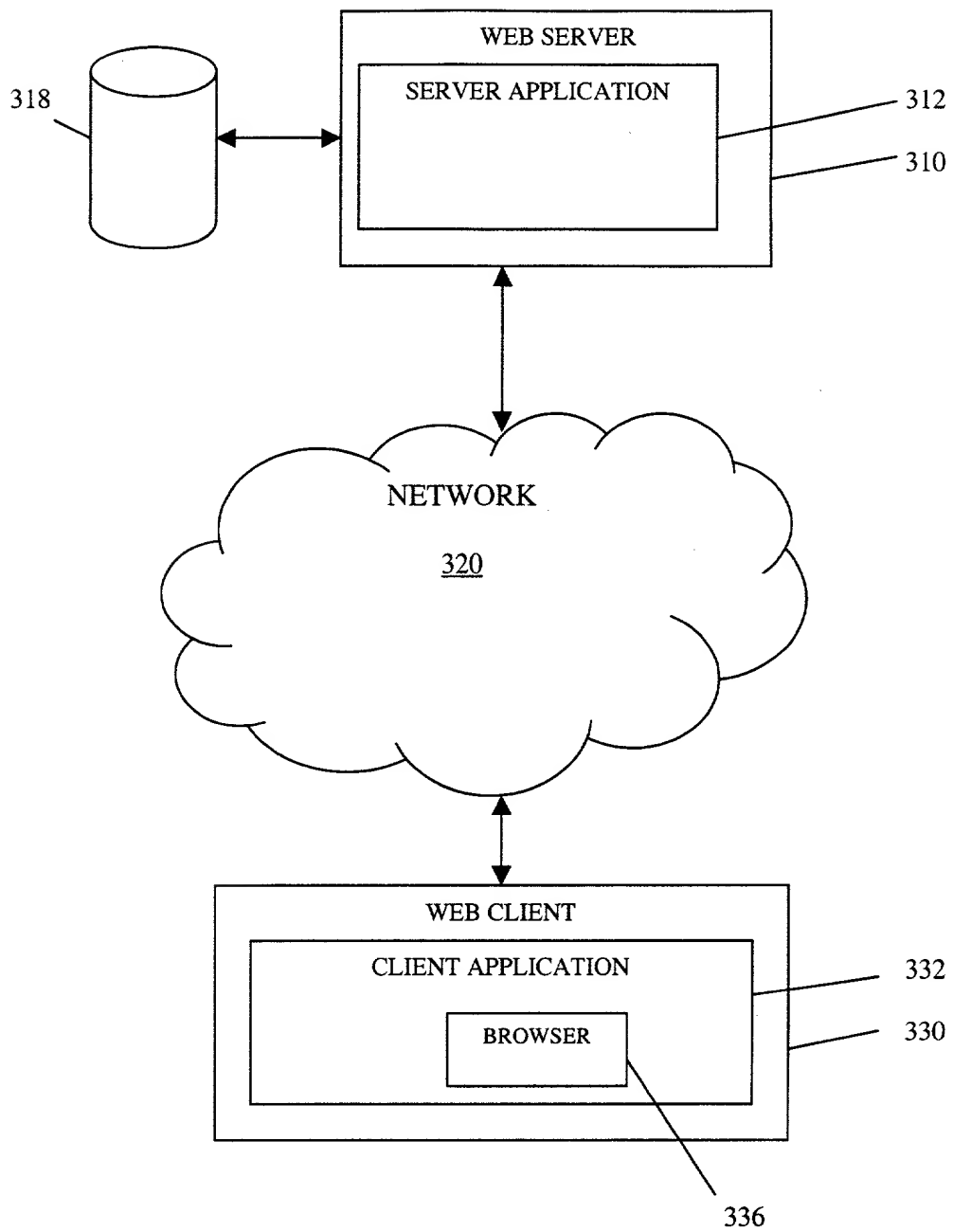


Fig. 3

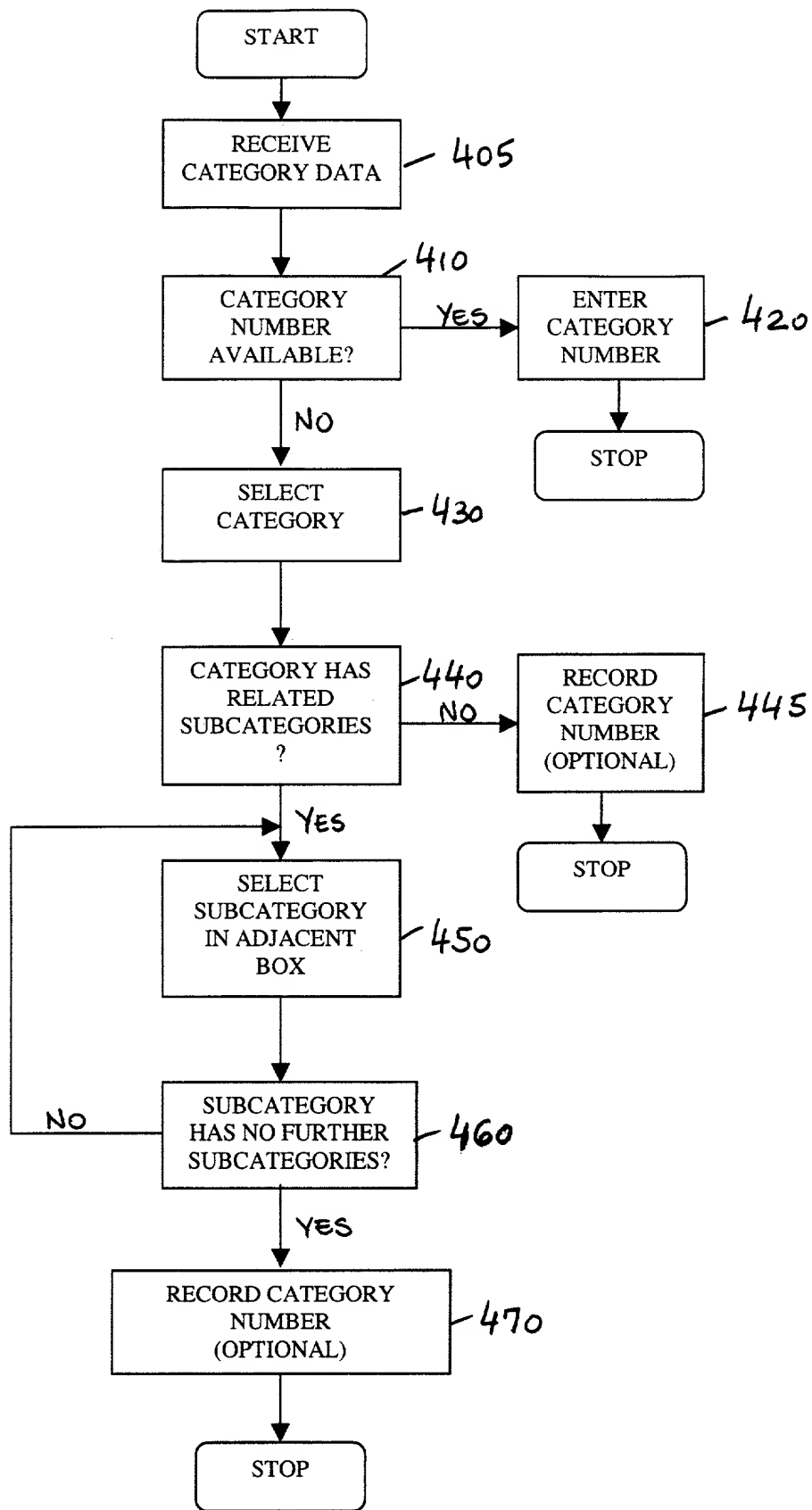


Fig. 4

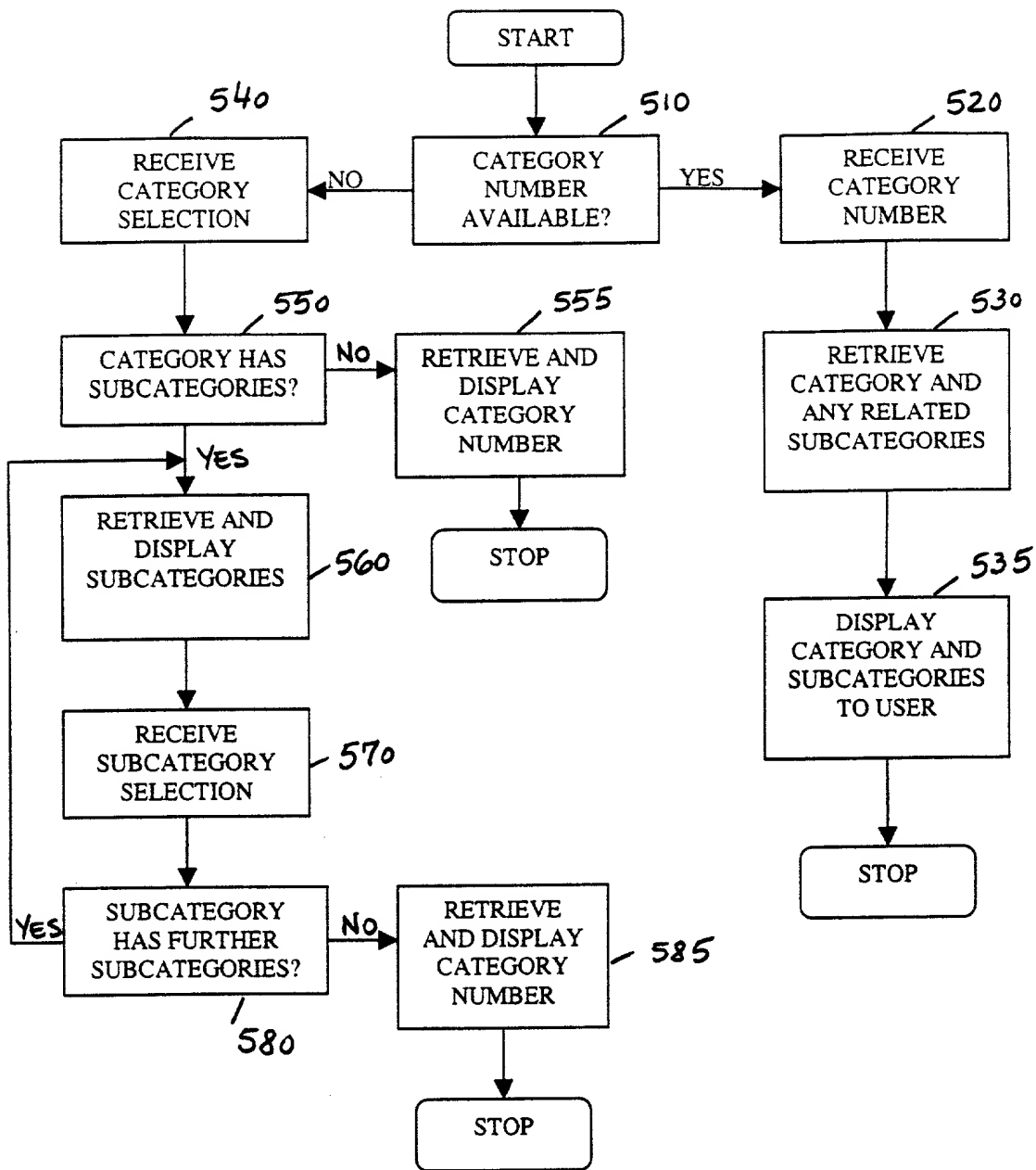


Fig. 5

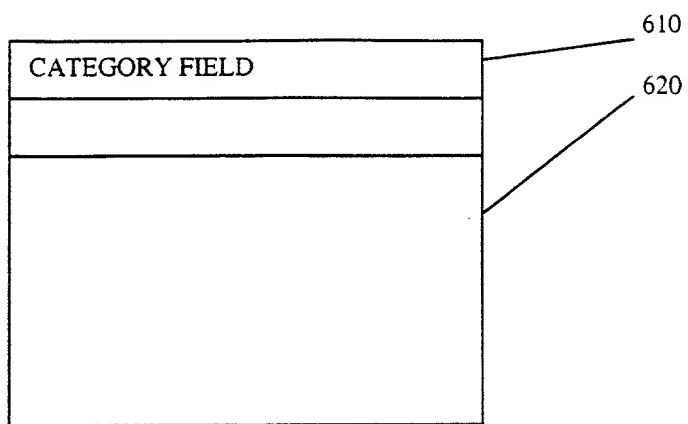


Fig. 6a

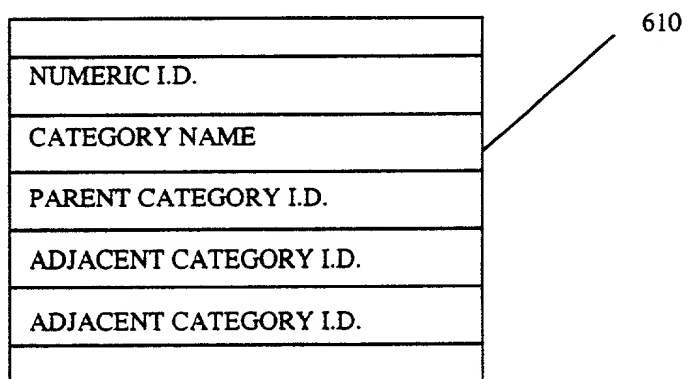


Fig. 6b

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below, next to my name.

I believe I am the original, first, and sole inventor (if only one name is listed below) or an original, first, and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

**METHOD AND APPARATUS FOR FACILITATING USER SELECTION OF AN ITEM CATEGORY
IN AN ONLINE AUCTION**

the specification of which

 X is attached hereto.
 was filed on _____ as
United States Application Number _____
or PCT International Application Number _____
and was amended on _____
(if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment referred to above. I do not know and do not believe that the claimed invention was ever known or used in the United States of America before my invention thereof, or patented or described in any printed publication in any country before my invention thereof or more than one year prior to this application, that the same was not in public use or on sale in the United States of America more than one year prior to this application, and that the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months (for a utility patent application) or six months (for a design patent application) prior to this application.

I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d), of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

<u>Prior Foreign Application(s)</u>			<u>Priority Claimed</u>	
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	Yes	No
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	Yes	No
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	Yes	No

I hereby claim the benefit under title 35, United States Code, Section 119(e) of any United States provisional application(s) listed below:

_____ (Application Number)	_____ Filing Date
_____ (Application Number)	_____ Filing Date

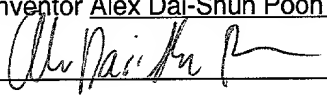
I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

_____ (Application Number)	_____ Filing Date	_____ (Status -- patented, pending, abandoned)
_____ (Application Number)	_____ Filing Date	_____ (Status -- patented, pending, abandoned)

I hereby appoint the persons listed on Appendix A hereto (which is incorporated by reference and a part of this document) as my respective patent attorneys and patent agents, with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith.

Send correspondence to Andre L. Marais, **BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP**, 12400 Wilshire Boulevard 7th Floor, Los Angeles, California 90025 and direct telephone calls to Andre L. Marais, (408) 720-8598.
(Name of Attorney or Agent)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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Los Altos Hills, California 94022

APPENDIX A

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APPENDIX B

Title 37, Code of Federal Regulations, Section 1.56 Duty to Disclose Information Material to Patentability

(a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclosure information exists with respect to each pending claim until the claim is cancelled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is cancelled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:

- (1) Prior art cited in search reports of a foreign patent office in a counterpart application, and
 - (2) The closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.
- (b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and
- (1) It establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim; or
 - (2) It refutes, or is inconsistent with, a position the applicant takes in:
 - (i) Opposing an argument of unpatentability relied on by the Office, or
 - (ii) Asserting an argument of patentability.

A prima facie case of unpatentability is established when the information compels a conclusion that a claim is unpatentable under the preponderance of evidence, burden-of-proof standard, giving each term in the claim its broadest reasonable construction consistent with the specification, and before any consideration is given to evidence which may be submitted in an attempt to establish a contrary conclusion of patentability.

(c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:

- (1) Each inventor named in the application;
 - (2) Each attorney or agent who prepares or prosecutes the application; and
 - (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.
- (d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.